

. SERVICE LINE MGRS.

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10. COTR

Revisions

VA FORM 08-6231, JUN 1992 1

Dublin, Ga. 31021

By Date

♦ SHEET NOTES GENERAL NOTES A. EXISTING CONDITIONS ARE FROM A COMBINATION OF GROUND RUN SURVEY INFORMATION AND INFORMATION FROM THE DESIGN OF THE ADJACENT WELLNESS CENTER PROJECT AS PROVIDED BY THE CLIENT. . UTILITY LOCATIONS ARE APPROXIMATE AS PER UTILITY LOCATE AND GROUND RUN SURVEY INFORMATION AND IS SHOWN FOR COORDINATION PURPOSES ONLY. PHYSICAL LOCATION OF EXISTING UTILITIES NEEDS TO BE VERIFIED BY THE CONTRACTOR IN THE FIELD. LOCATION OF PROPOSED WELLNESS CENTER FROM INFORMATION PROVIDED BY THE CLIENT LEGEND

REFER TO SHEET CI101 FOR LEGEND INFORMATION AND ABBREVIAITONS



Matrix Proiect No. 09104

Consultant

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Checked

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Job Number

2009-050-01

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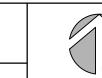
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Telephone: (937) 224-7700 Fax: (937) 224-7125

Matrix Project No. 09104

Const. Contract

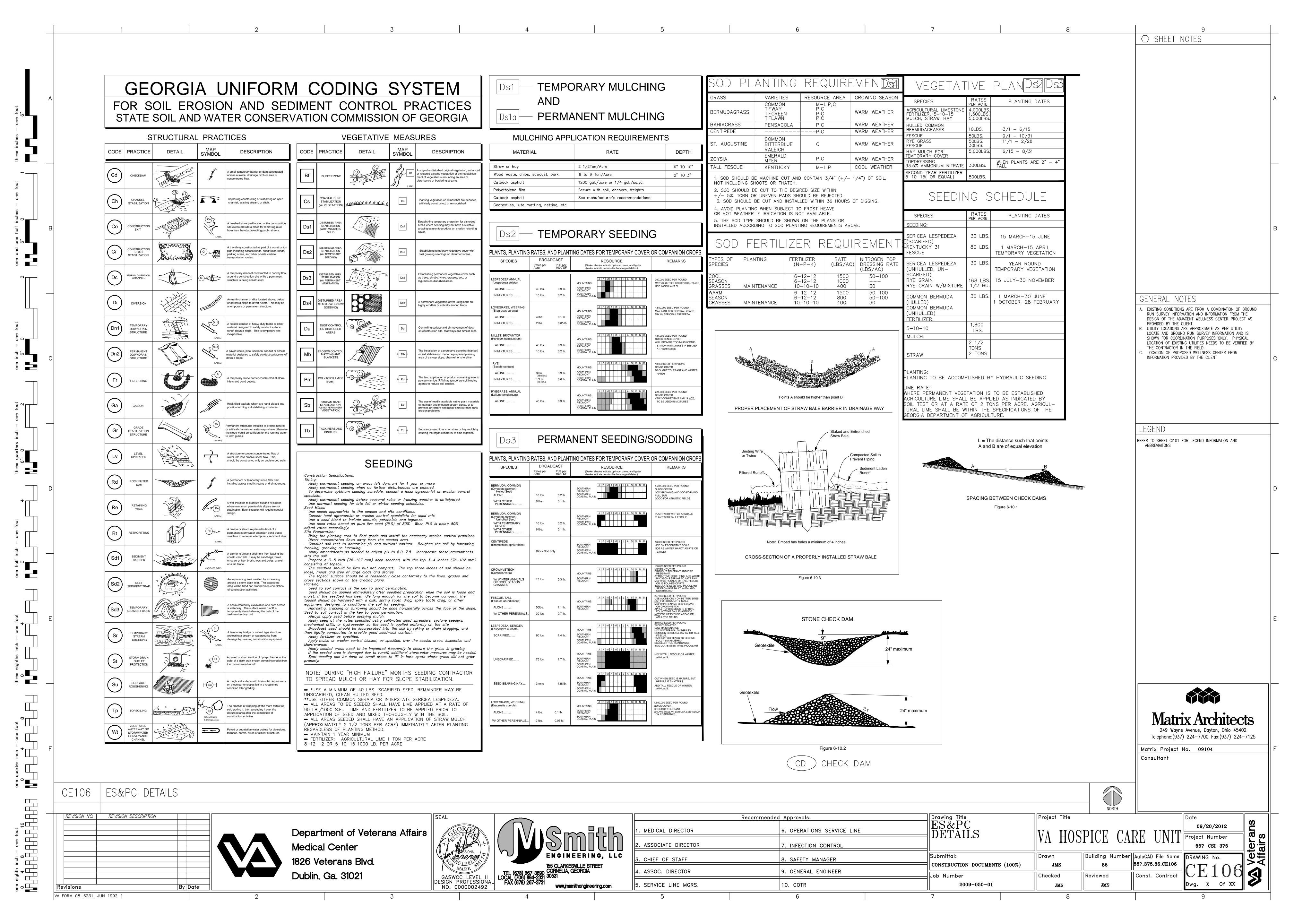


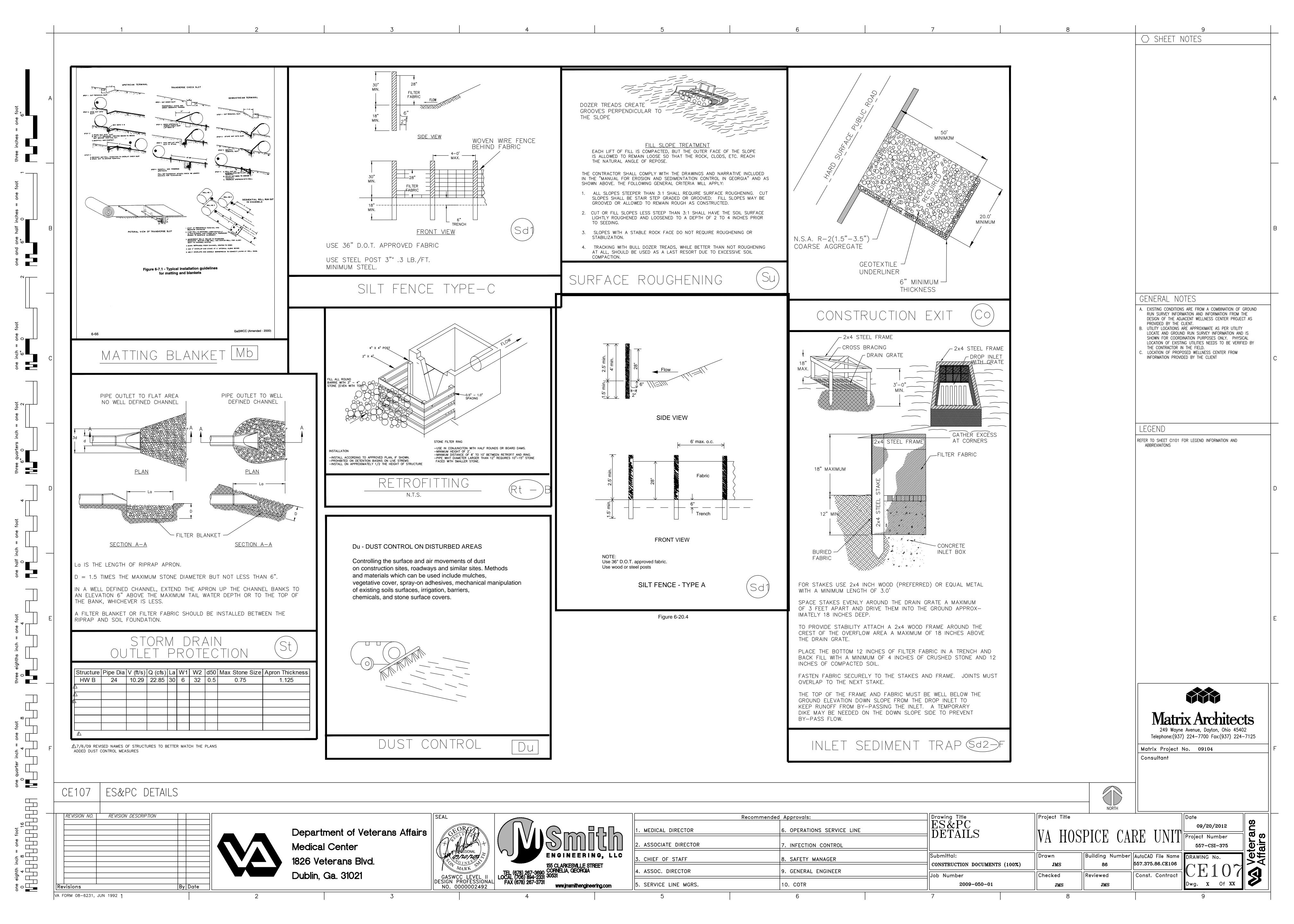
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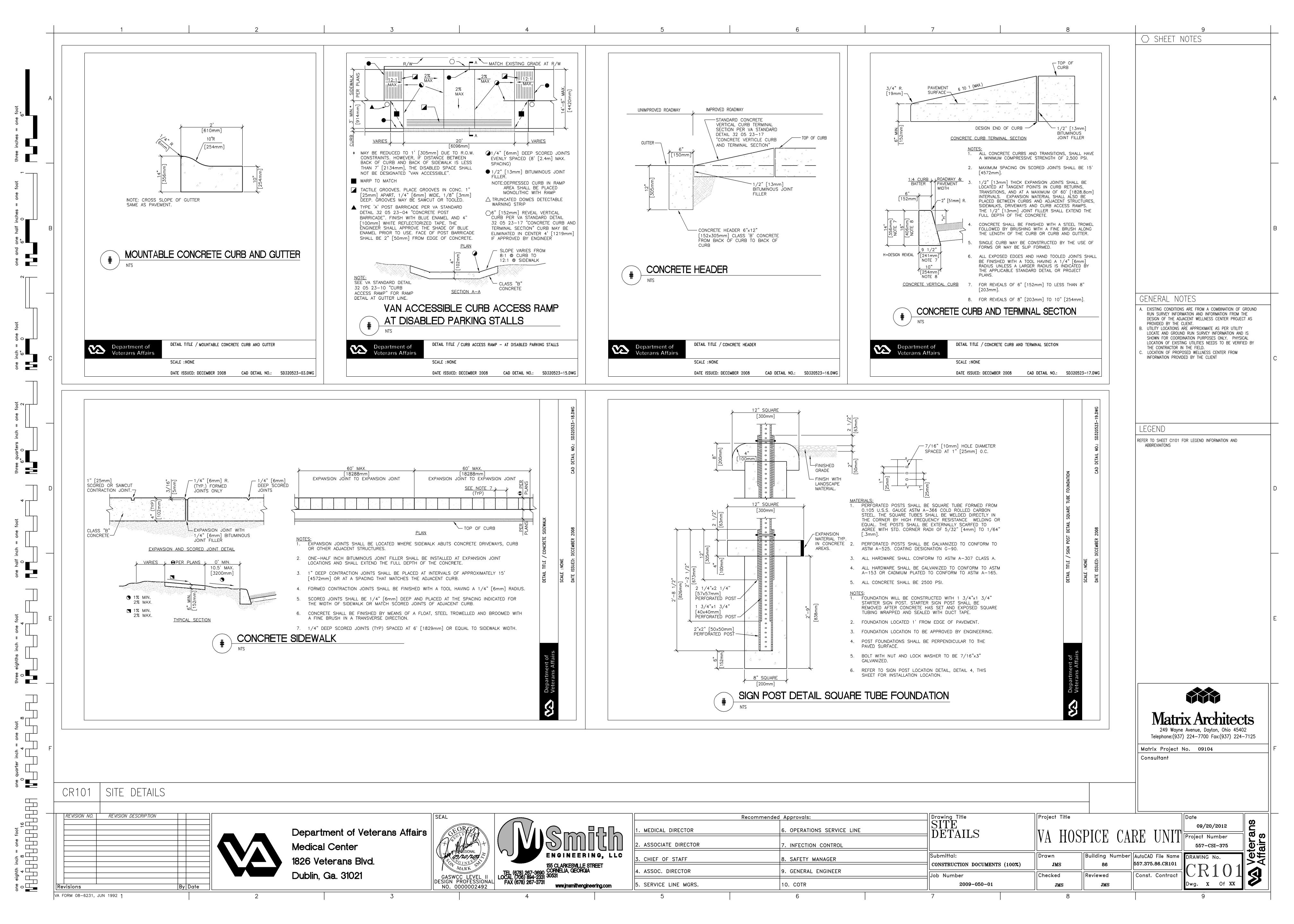
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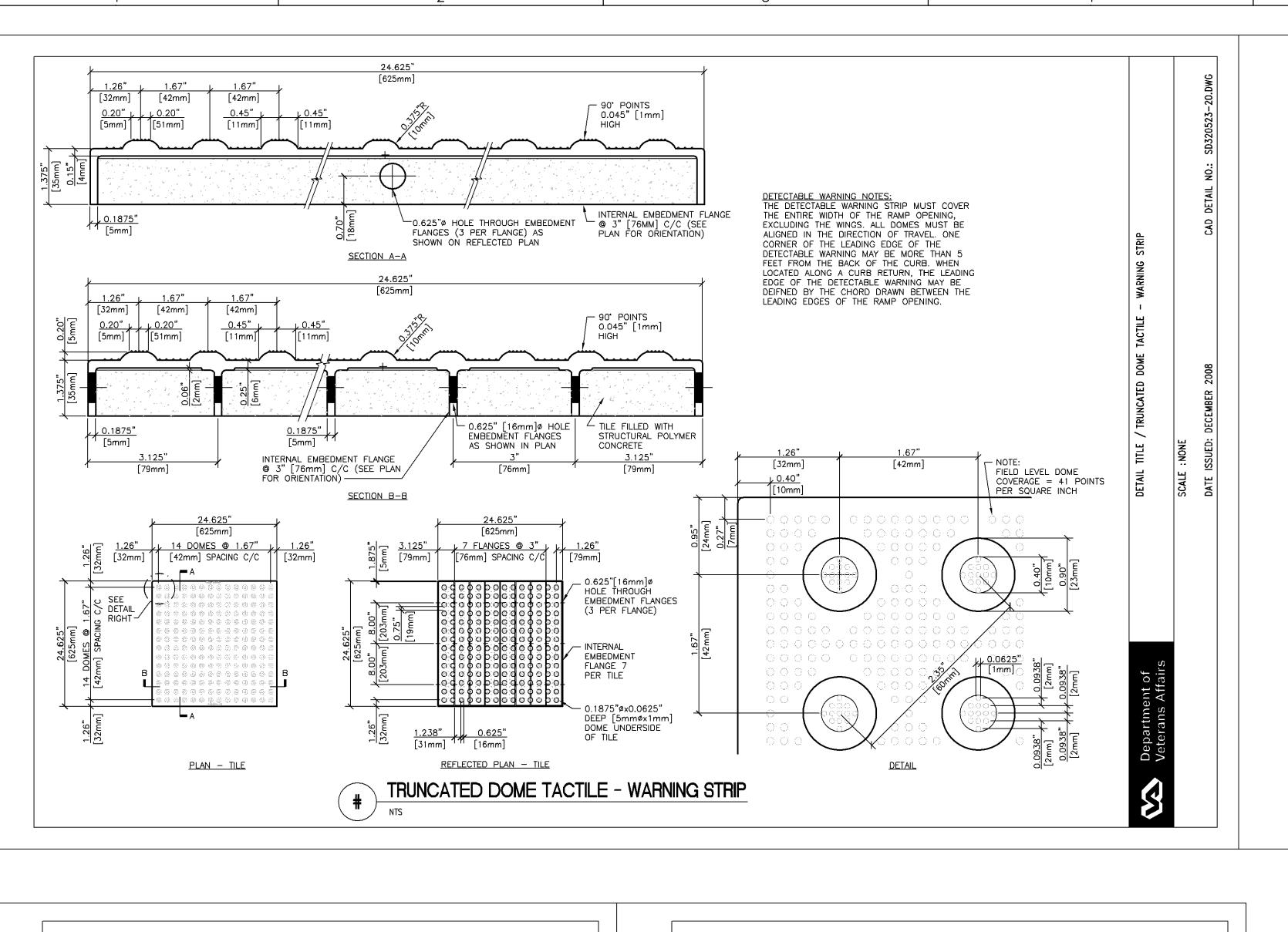


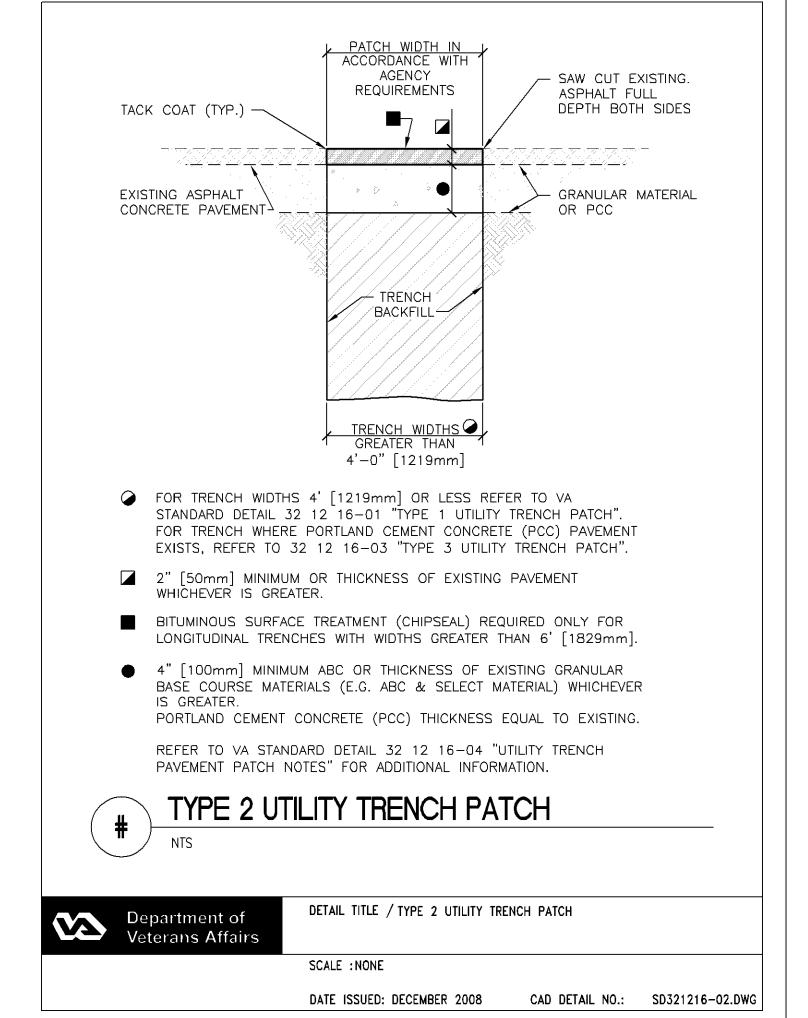
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- 1. MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.
- 2. TRENCH BACKFILL SHALL COMMENCE 1 FOOT [305mm] ABOVE THE TOP OF PIPE AND SHALL BE PER SECTION XXX.
- 3. BACKFILL COMPACTION REQUIREMENTS SHALL BE PER SECTION XXX.
- 4. THE 1 FOOT [305mm] TRENCH "SHOULDER" AREAS SHALL BE DELETED FOR TYPE 2
- 5. ABC SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX.
- 6. PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF
- 7. ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX.
- 8. ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX FOR THE TYPE SPECIFIED.
- 9. BITUMINOUS SURFACE TREATMENT (CHIP SEAL) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX FOR THE TYPE SPECIFIED.
- 10. LOAD TRANSFER DOWELS FOR JOINTS TRANSVERSE TO THE ROADWAY CENTERLINE SHALL BE SMOOTH STEEL DOWELS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION XXX. DOWELS SHALL BE SIZED AND SPACED AS FOLLOWS:

<u>DOWEL LENGTH</u> DOWEL SPACING 6" [150mm] 12" [305mm] 18" [455mm] 15" [380mm] ⁷" [180mm] 15" [380mm] 8" [180mm] 15" [380mm] 12" [305mm] 12" [305mm] 10" [180mm] 15" [380mm]

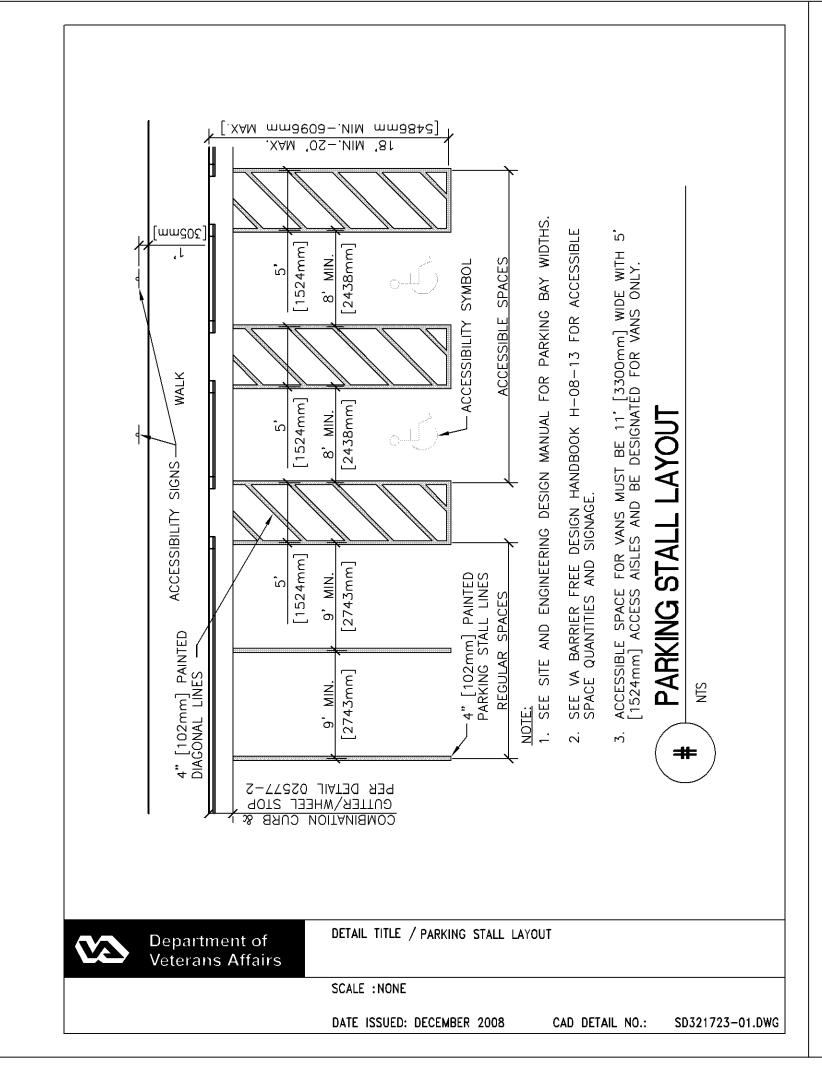
- 11. DEFORMED TIE BARS SHALL BE USED IN TRENCH PATCHES LONGITUDINAL TO THE ROADWAY CENTERLINE WHEN THE TRENCH LENGTH IS GREATER THAN 50 FEET [15240mm]. TIE BARS SHALL BE 24 INCHES [610mm] LONG. DEFORMED #4 [No. 13] BARS FOR PCCP LESS THAN 8 INCHES [205mm] THICK AND #5 [No. 16] BARS IF 8 INCHES [205mm] THICK OR MORE. TIE BARS SHALL BE PLACED 30 INCHES [760mm] CENTER-TO-CENTER.
- 12. HOLES SHALL BE DRILLED 1 FOOT [305mm] INTO THE EXISTING SLAB FOR TIE BARS AND 7 INCHES [180mm] FOR DOWELS. HOLES SHALL BE OF A DIAMETER SUFFICIENT TO ACCOMMODĂTE THE TIE BAR ANCHORAGE OR DOWEL CAP. TIE BARS SHALL BE ANCHORED WITH AN APPROVED HIGH VISCOSITY EPOXY.
- 13. IF THE CONCRETE SLAB REMAINING NEXT TO A LONGITUDINAL OR TRANSVERSE JOINT IS LESS THAN 6 FEET [1829mm] AT ITS NARROWEST WIDTH, REMOVE AND REPLACE THE EXISTING CONCRETE TO THE JOINT.

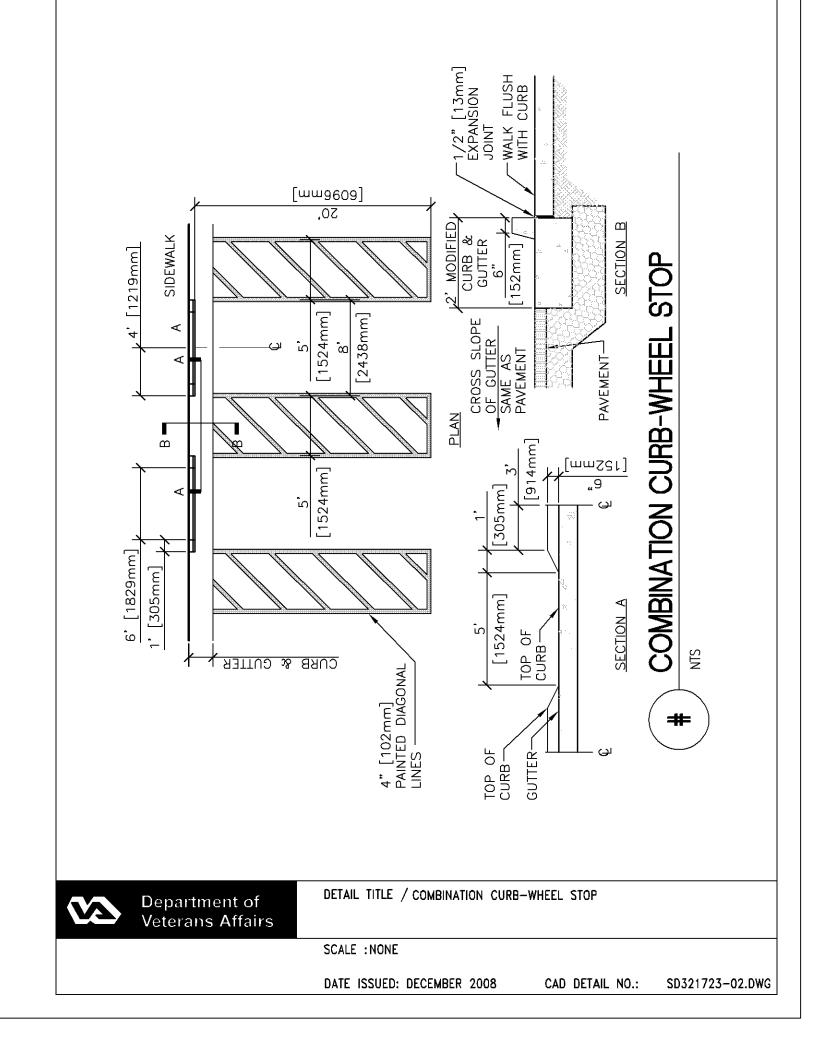
DETAIL TITLE / UTILITY TRENCH PATCH NOTES Department of Veterans Affairs DATE ISSUED: DECEMBER 2008 CAD DETAIL NO.: SD321216-04.DWG GENERAL NOTES

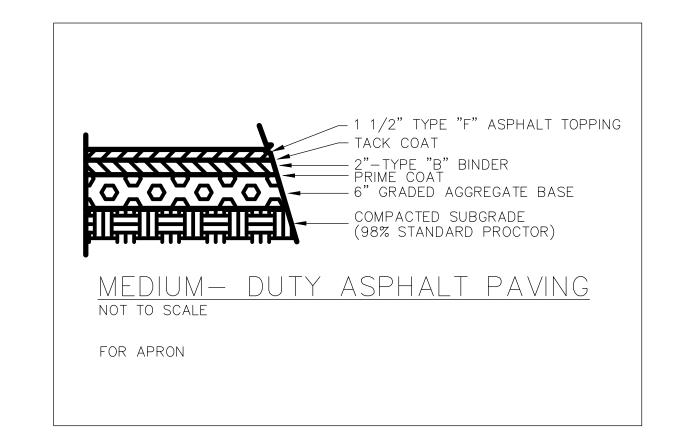
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LEGEND

REFER TO SHEET CI101 FOR LEGEND INFORMATION AND







TRAFFIC AREAS



Matrix Project No. 09104

REVISION NO. REVISION DESCRIPTION

By Date

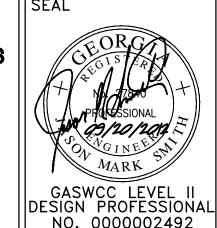
SITE DETAILS

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Revisions

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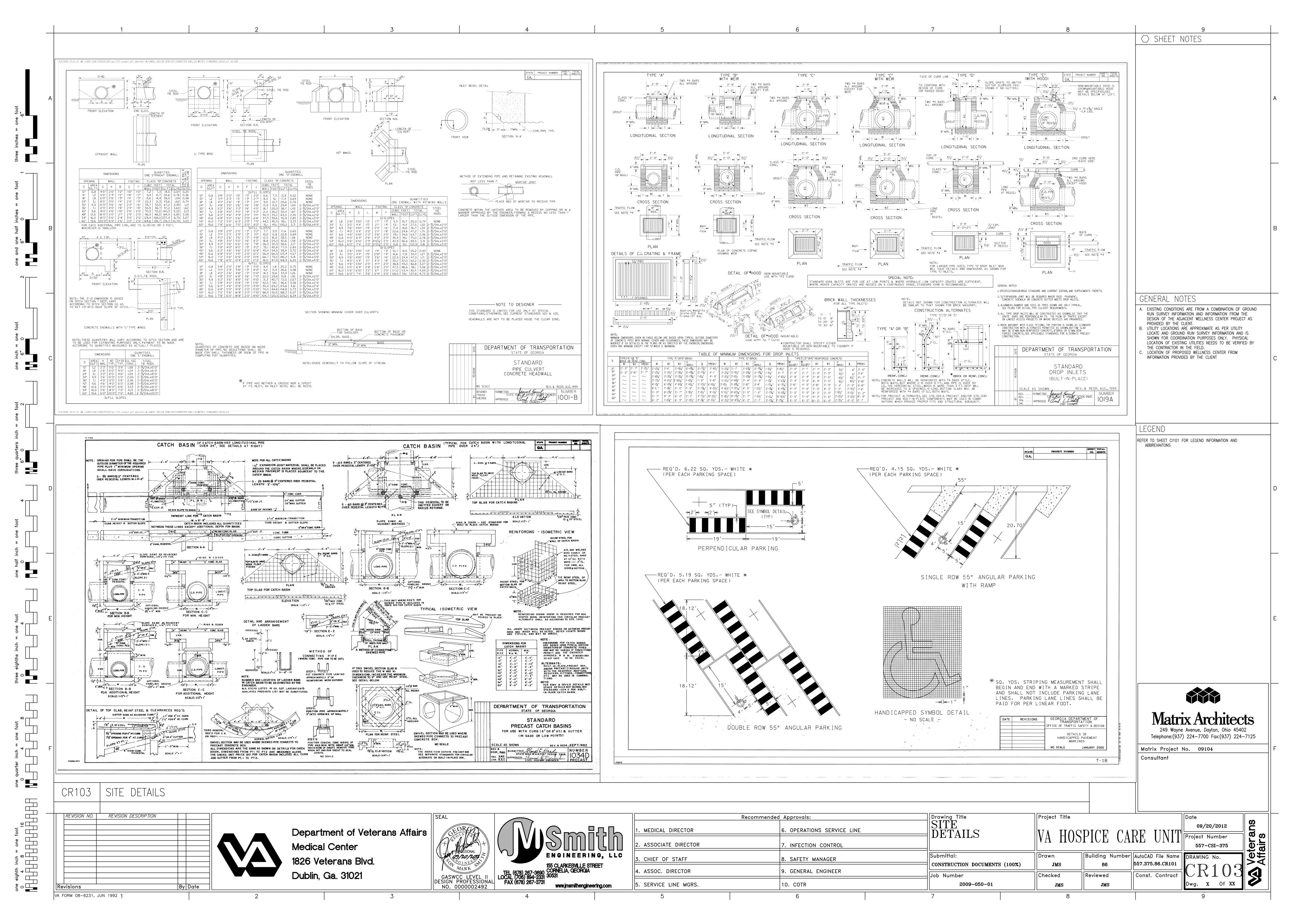
Department of Veterans Affairs Medical Center 1826 Veterans Blvd. Dublin, Ga. 31021

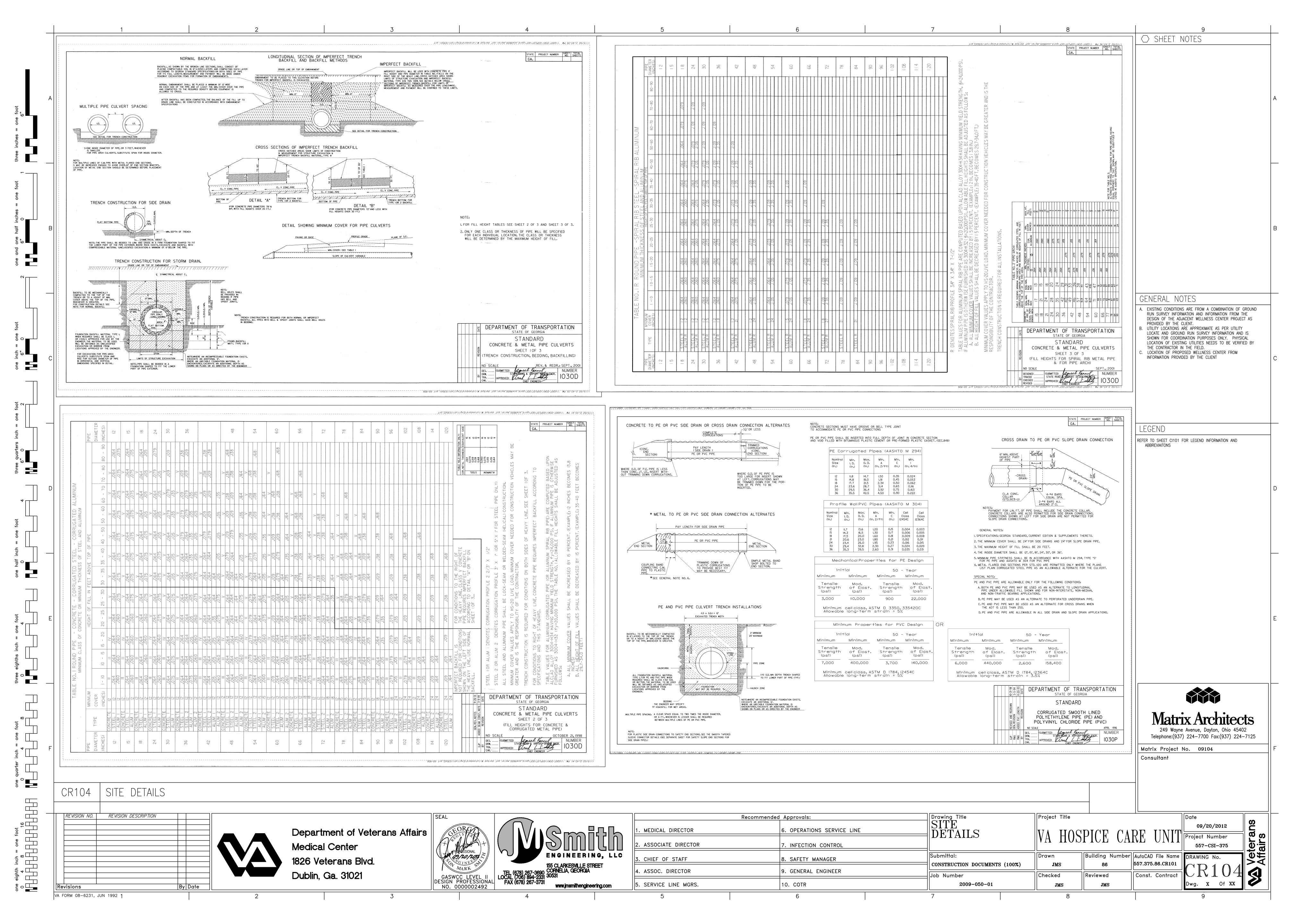


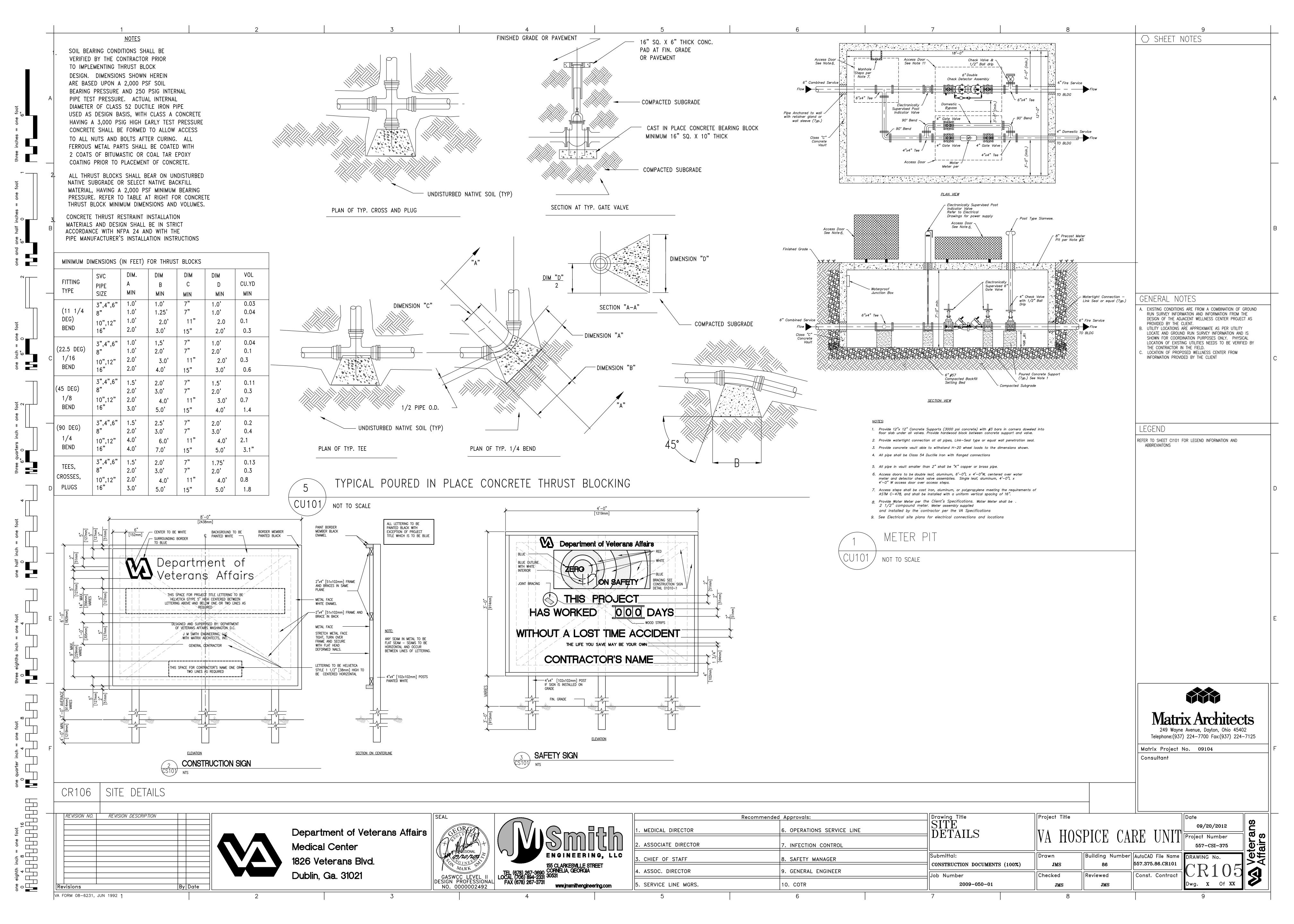


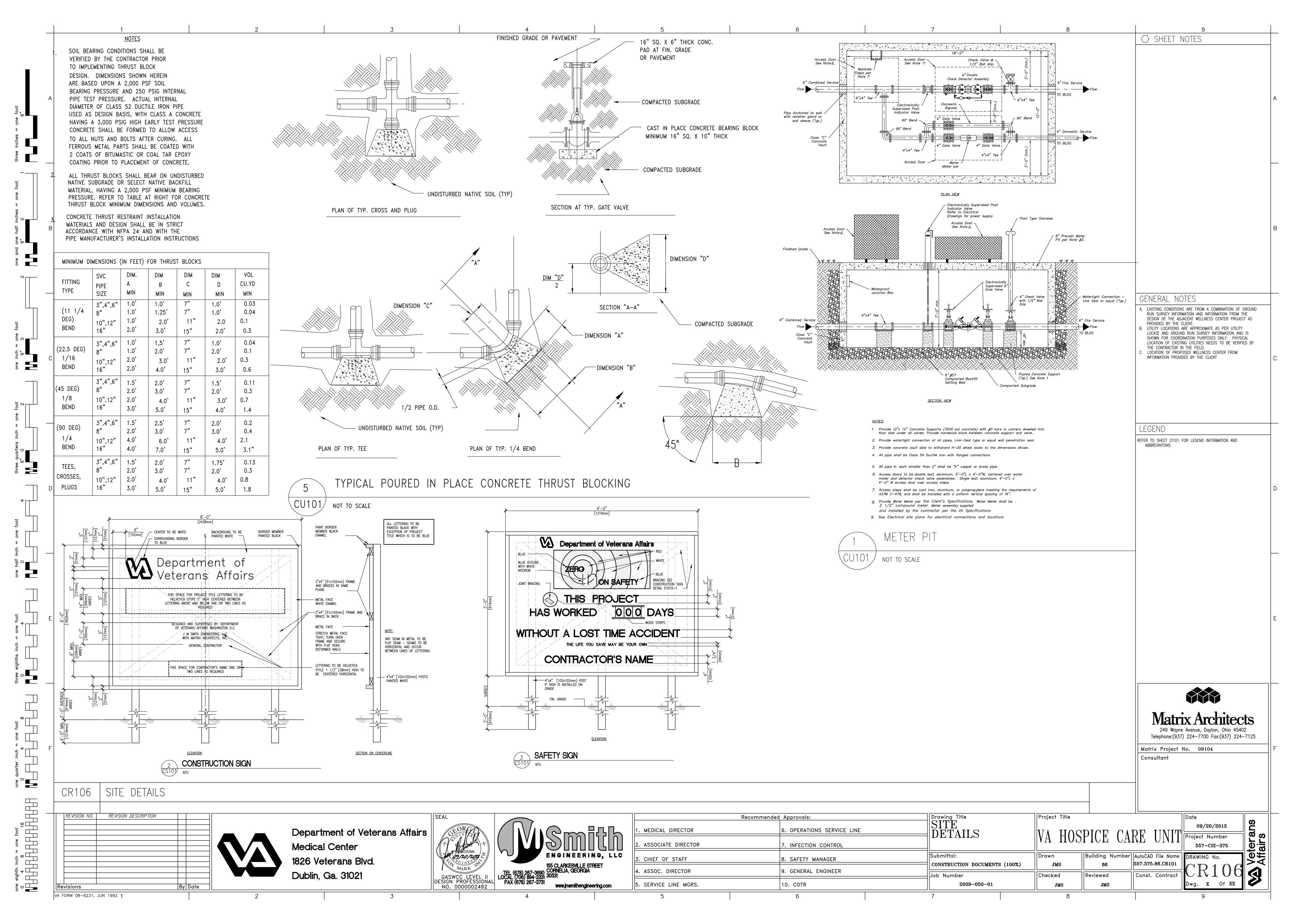
	Recommended Approvals:	Drawing Title
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	SITE DETAILS
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5. SERVICE LINE MGRS.	10. COTR	2009-050-

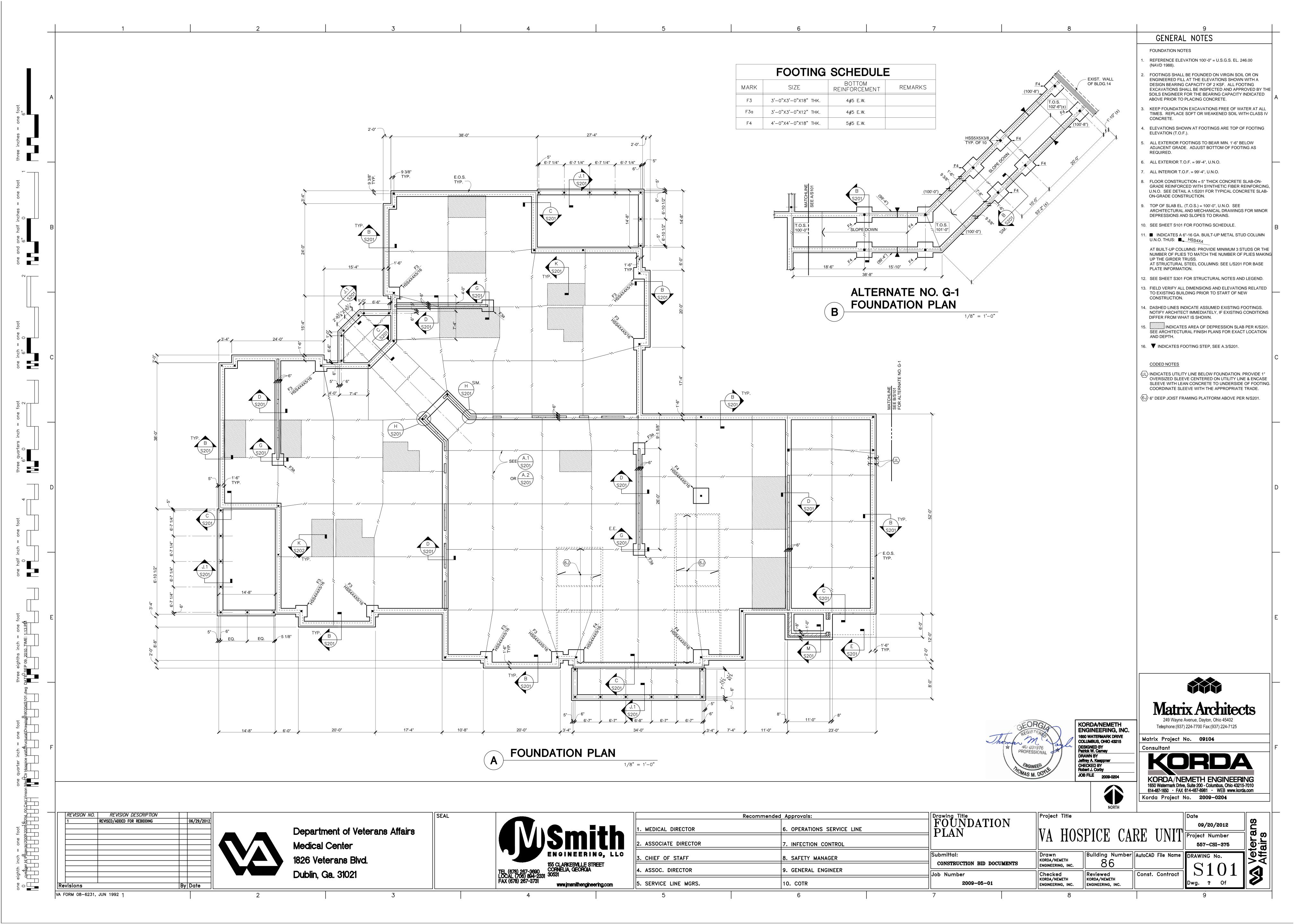
Project Title Building Number AutoCAD File Name Drawn 557.375.86.CR101 RUCTION DOCUMENTS (100%) Const. Contract Checked Reviewed **JMS**

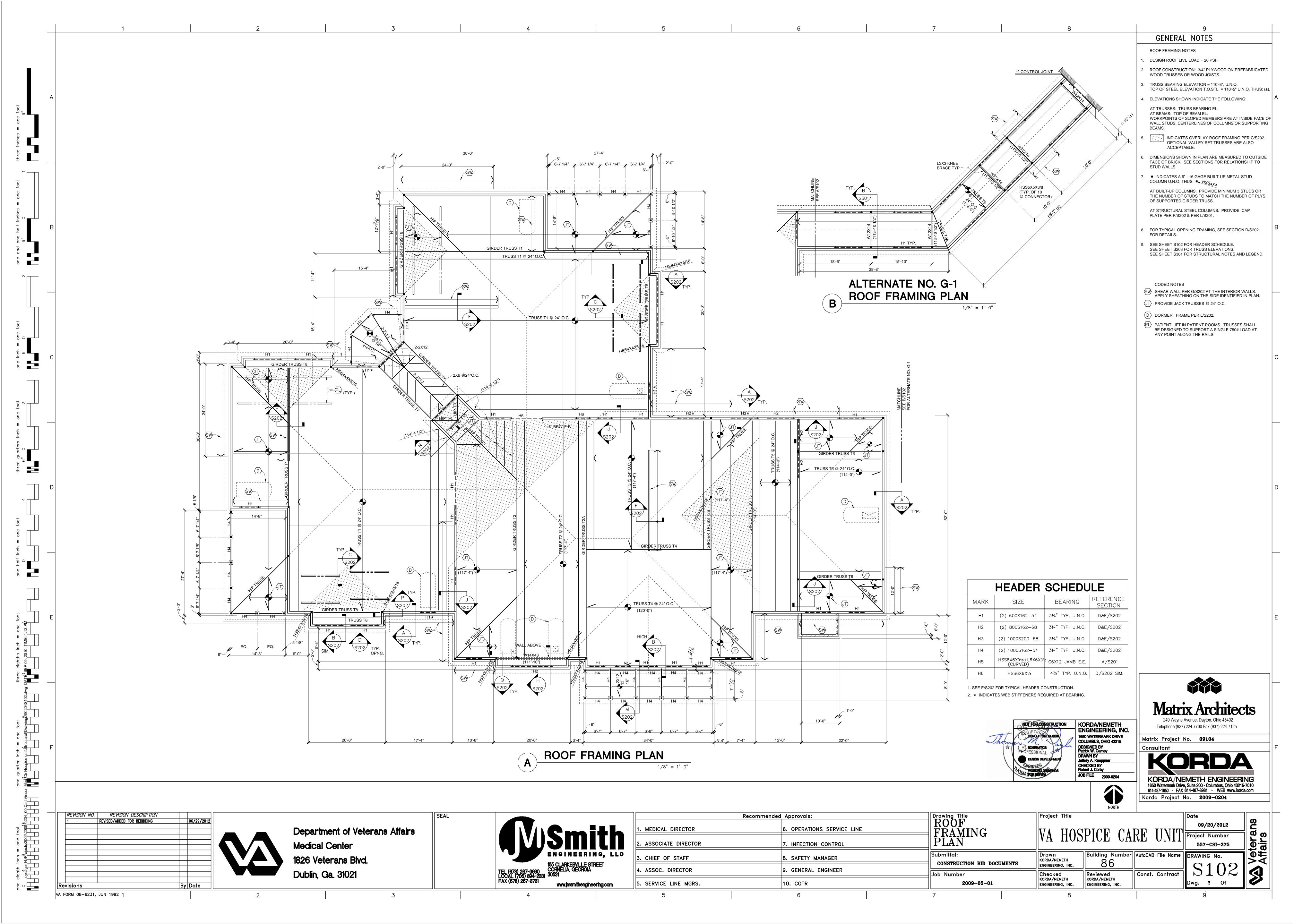


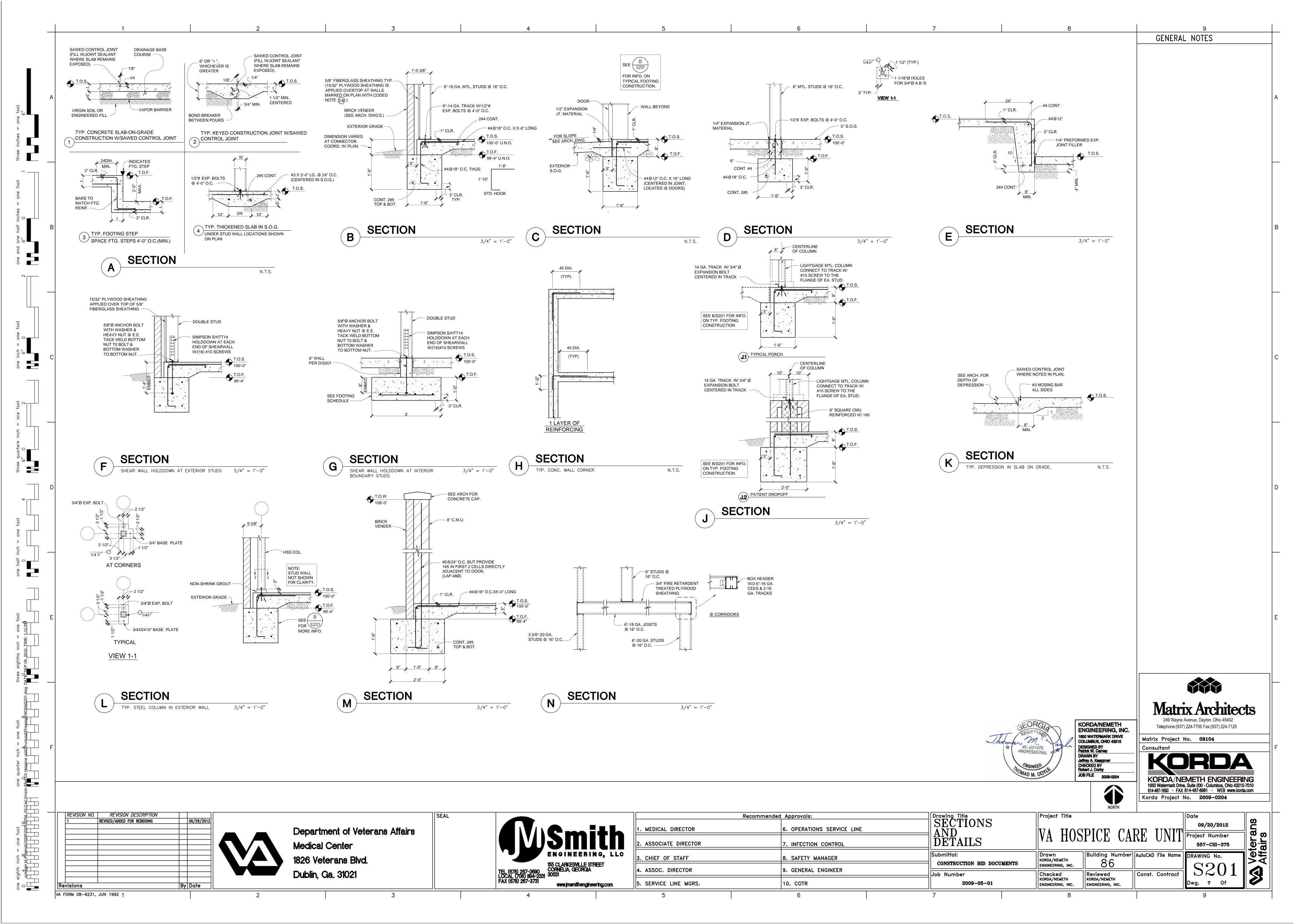


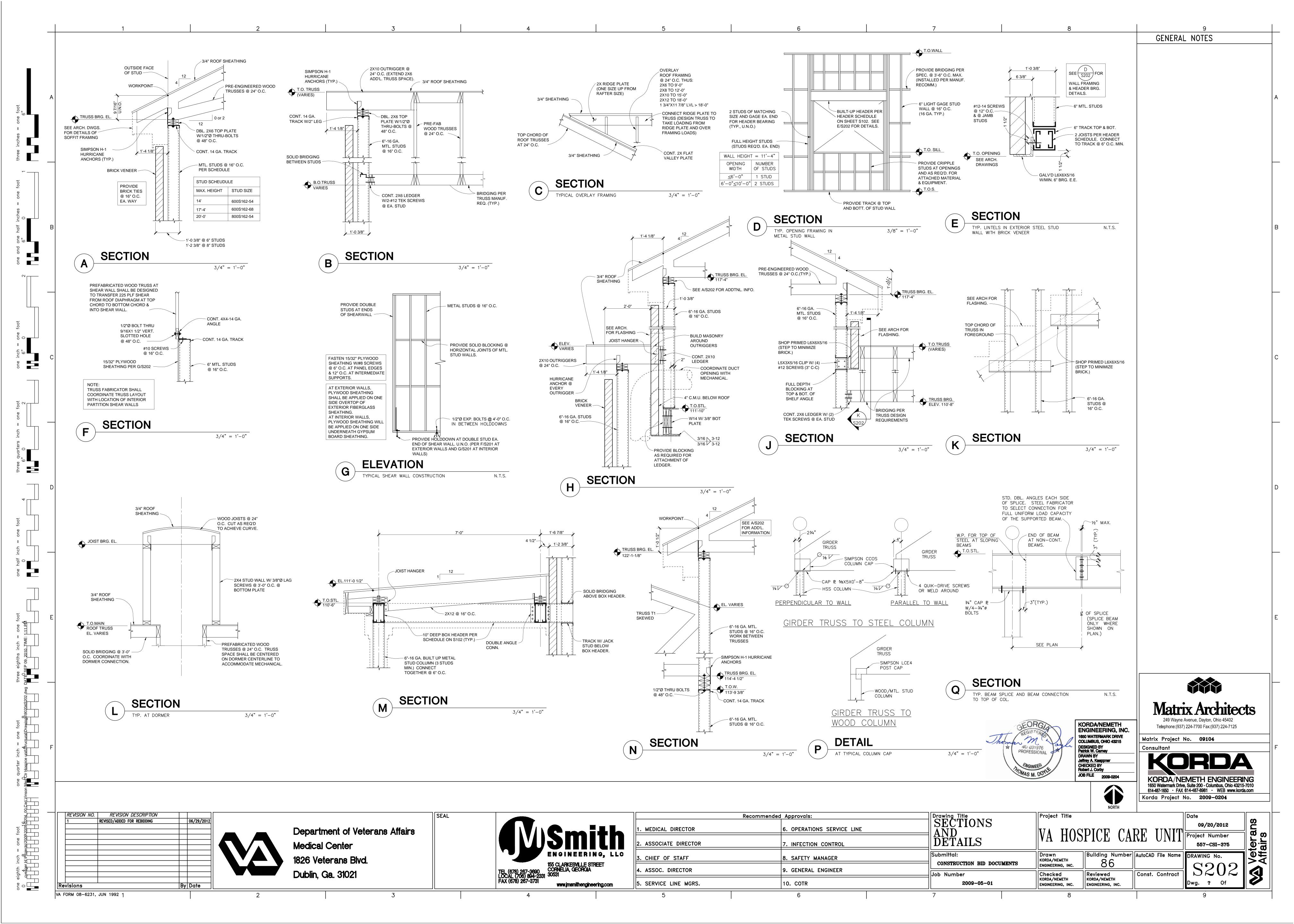


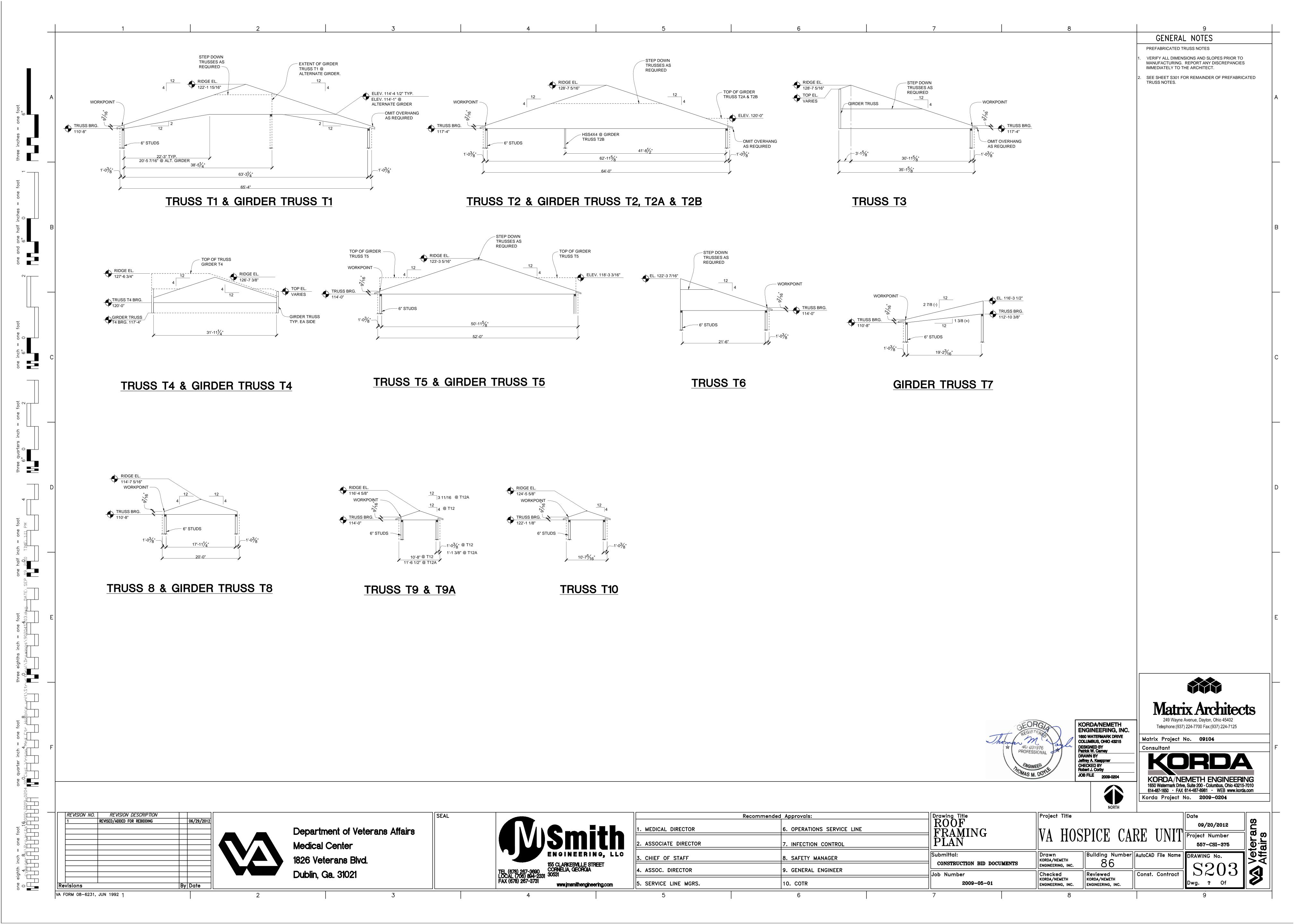












A. GENERAL

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE, AND TO ENSURE THE STABILITY OF THE BUILDING AND ITS COMPONENT PARTS, AND THE ADEQUACY OF ADDITION OF ANY SHORING, SHEETING, TEMPORARY GUYS, BRACING OR TIEDOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN ON THE DRAWINGS. IF APPLIED, THEY SHALL BE REMOVED AS CONDITIONS PERMIT, AND SHALL REMAIN THE CONTRACTOR'S PROPERTY. THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS AND METHODS OR JOB SITE SAFETY DURING CONSTRUCTION. PROCESSING AND/OR APPROVING SUBMITTALS MADE BY THE CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO CONSTRUCTION METHODS OR SAFETY ISSUES, OR PARTICIPATION IN MEETINGS WHERE SUCH ISSUES MIGHT BE DISCUSSED, SHALL NOT BE CONSTRUED AS VOLUNTARY ASSUMPTION BY THE ENGINEER OF ANY RESPONSIBILITY FOR SAFETY PROCEDURES.

IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION. THE ENGINEER IS NOT ENGAGED IN, AND DOES NOT SUPERVISE, CONSTRUCTION.

3. EQUIPMENT FRAMING LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO HVAC, PLUMBING, OR ELECTRICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL COORDINATE THIS INFORMATION WITH THE INVOLVED TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN THESE REQUIREMENTS TO BE BORNE BY THE APPROPRIATE CONTRACTOR.

4. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

5. GOVERNING CODES:

a. GEORGIA BUILDING CODE b. VA GUIDELINES - NURSING HOMES & HOSPITALS

6. EXISTING BUILDING: PROVIDE TEMPORARY SUPPORTS AND OTHER MEASURES AS REQUIRED TO PREVENT DAMAGE TO THE EXISTING BUILDING DURING CONSTRUCTION. FIELD VERIFY ALL EXISTING DIMENSIONS AND ELEVATIONS WHICH AFFECT THE NEW CONSTRUCTION.

7. DESIGN ROOF LIVE LOAD: 20 PSF a. GROUND SNOW LOAD (Pg) = 5 PSF

b. FLAT ROOF SNOW LOAD (Pf) = 6 PSF c. SNOW EXPOSURE FACTOR (Ce) = 1.0 d. SNOW LOAD IMPORTANCE FACTOR (I) = 1.2

e. ROOF LIVE LOAD = 20 PSF 8. DESIGN FLOOR LIVE LOADS: a. SLABS ON GRADE = 250 PSF

9. WIND DESIGN PARAMETERS

a. BASIC WIND SPEED = 95 MPH b. WIND LOAD IMPORTANCE FACTOR = 1.15 c. WIND EXPOSURE = EXPOSURE B

d. INTERNAL PRESSURE COEFFICIENTS = +/-0.18 e. MAIN WIND DESIGN PRESSURE = 16 PSF

10. SEISMIC DESIGN PARAMETERS

a. IMPORTANCE FACTOR = 1.5 b. MAPPED SPECTRAL RESPONSE ACCELERATION: Ss=0.22, S1=0.08 c. SITE CLASS = D

d. SPECTRAL RESPONSE COEFFICIENTS: SDS = 0.235, SD1 = 0.128 e. SEISMIC DESIGN CATEGORY = CATEGORY C

BASIC SEISMIC FORCE RESISTING SYSTEM - LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS. g. SEISMIC RESPONSE COEFFICIENT (Cs) = 0.05

h. RESPONSE MODIFICATION FACTOR (R) = $6\frac{1}{2}$ DEFLECTION AMPLIFICATION FACTOR (Cd) = 4

DESIGN BASE SHEAR = 29 KIPS k. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

B. REINFORCED CONCRETE

a. SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI 301-05 "SPECIFICATIONS FOR STRUCTURAL CONCRETE." b. STRUCTURAL CONCRETE

CLASS LOCATION FOOTINGS INTERIOR SLABS ON GRADE, AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED. EXTERIOR SLABS ON GRADE, AND ALL EXTERIOR (with air) CONCRETE NOT OTHERWISE IDENTIFIED.

c. ALL DEFORMED REINFORCING BARS: FY = 60,000

BACKFILL BELOW FOOTINGS

2. FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.

CONTINGENCIES: a. INCLUDE AN ALLOWANCE IN THE BID TO PROVIDE AND INSTALL AN ADDITIONAL

1/2 TON OF REINFORCING BARS. MATERIAL TO BE USED AND ITS APPLICATION SHALL BE DETERMINED BY THE ARCHITECT. BENT BARS, IF REQUIRED, SHALL BE BENT IN THE SHOP, UNLESS OTHERWISE APPROVED. b. PROVIDE SUPPORTS AS REQUIRED TO MAINTAIN ALIGNMENT OF SCHEDULED REINFORCING. SUCH SUPPORTS ARE TO BE REFLECTED IN THE BID, AND ARE NOT PART OF THE CONTINGENCY QUANTITY LISTED ABOVE.

a. OPENINGS SHOWN ARE FOR BIDDING PURPOSES ONLY. COORDINATE THEIR EXACT SIZES AND LOCATIONS WITH HVAC, PLUMBING, AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH WORK.

b. IF ANY OPENING NOT SHOWN ON THE PLANS IS REQUIRED, SECURE APPROVAL OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING.

FOOTINGS, WALLS:

a. DOWELS IN FOOTINGS TO MATCH VERTICAL WALL REINFORCING. b. UNLESS SHOWN OTHERWISE, PROVIDE THE FOLLOWING WALL REINFORCING: HORIZONTAL STEEL VERTICAL STEEL 6 AND 8 INCHES #4 @ 12 INCHES #4 @ 18 INCHES 10 AND 12 INCHES #4 @ 16 INCHES EF #4 @ 18 INCHES EF PROVIDE CORNER BARS AT WALL CORNERS TO MATCH HORIZONTAL

REINFORCING. MINIMUM LAP LENGTH WITH HORIZONTAL REINFORCEMENT d. CAST IN CONTINUOUS DOVETAIL ANCHOR SLOTS ON VERTICAL SURFACES

WHERE MASONRY ABUTS, 16 INCHES O.C. FOR PARALLEL SURFACES, AT CENTERLINE OF MASONRY FOR PERPENDICULAR SURFACES. e. PROVIDE LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-EXCAVATION, SOFT SPOTS AND TRENCHES.

6. SPLICES: UNLESS NOTED OTHERWISE, MINIMUM LAP SPLICE LENGTHS TO BE AS

FOLLOWS

MedCtr

one eighth inch = one foot

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b. HORIZONTAL BARS IN WALLS

a. HORIZONTAL BARS IN SLABS & 35 DIAMETERS

CONSTRUCTION JOINTS:

a. CONSTRUCTION JOINTS PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE STRUCTURAL ENGINEER. ALL CONSTRUCTION JOINTS ARE TO BE KEYED. KEYWAYS SHALL BE 1-1/2 INCHES DEEP X 1/3 MEMBER THICKNESS.

TEMPORARY OR INCOMPLETE CONNECTIONS, DURING ERECTION. THIS INCLUDES THE 8. CONCRETE COVER: UNLESS NOTED OTHERWISE, DETAIL REINFORCING TO PROVIDE CONCRETE COVER AS FOLLOWS: a. CONCRETE CAST AGAINST AND PERMANENTLY

> 3 INCHES EXPOSED TO EARTH: b. CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND SMALLER 1-1/2 INCHES 2 INCHES c. CONCRETE NOT EXPOSED TO EARTH OR

WEATHER: SLABS, WALLS #11 BARS AND SMALLER 1 INCH

a. GROUT UNDER COLUMN BASE PLATES SHALL BE NON-SHRINKING TYPE. THE USE OF LEVELING PLATES AT COLUMN BASES IS PROHIBITED. GROUT BELOW COLUMN BASE PLATES IS TO BE INSTALLED ONLY AFTER THE STEEL IS PLUMBED.

1. SPECIFICATIONS: MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-08." PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, DETROIT, MICHIGAN, EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.

MATERIALS: a. CONCRETE BLOCK: ASTM C90. MINIMUM NET AREA COMPRESSIVE STRENGTH OF

 MORTAR: ASTM C270 (USING THE PROPERTY SPECIFICATION METHOD, PARAGRAPH 3.2), TYPE S, MINIMUM COMPRESSIVE STRENGTH = 1800 PSI.

c. BOND BEAM AND CORE FILL: ASTM C476, COARSE OR FINE TYPE, PLACED PER ACI d. JOINT REINFORCING: HOT-DIPPED GALVANIZED FINISH, 9 GAGE MINIMUM SIDE

WIRES AND CROSS WIRES. e. BAR REINFORCING: ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. WIRE TIES AND ANCHORS: RECTANGULAR TYPE, 3/16" DIAMETER WIRE TIES (HOT DIPPED GALVANIZED).

3. REINFORCED MASONRY: WHERE VERTICAL BARS ARE TO BE GROUTED INTO CORES, THE FOLLOWING REQUIREMENTS APPLY: a. PROVIDE DOWELS FROM FOOTING, SAME SIZE AND SPACING AS WALL BARS. LAP

12 INCHES MINIMUM WITH WALL BAR. EMBED INTO FOOTING 9 INCHES. b. PROVIDE A CONTINUOUS VERTICAL CAVITY, AT LEAST 3" X 4" IN SIZE, FREE OF MORTAR DROPPING. c. PROVIDE REBAR ALIGNMENT DEVICES AT A MAXIMUM SPACING OF 96 BAR

DIAMETERS (MINIMUM OF 2 PER BAR). d. AT SPLICES IN VERTICAL BARS, PROVIDE 48 DIAMETER LAP. e. ALL REINFORCEMENT MUST BE INSTALLED AND SECURELY ANCHORED IN PLACE PRIOR TO PLACEMENT OF GROUT.

f. MAXIMUM HEIGHT OF GROUT LIFT = 5'-0". g. ALL C.M.U.'S USED IN REINFORCED MASONRY SHALL BE TWO CELL UNITS.

4. MISCELLANEOUS:

a. EXCEPT FOR INSULATED CAVITY WALLS, VERTICAL COLLAR JOINTS SHALL BE FILLED SOLID WITH MORTAR OR GROUT.

b. PROVIDE MINIMUM TWO COURSES 100% SOLID BEARING UNDER BEARING ELEMENTS, UNLESS DETAILED OTHERWISE. c. FILL CORE SOLID AROUND ANCHOR BOLTS. d. PROVIDE 100% SOLID BLOCKS OR SOLIDLY-FILLED HOLLOW BLOCKS FOR AT

LEAST 4" ALL AROUND ALL EXPANSION BOLTS. e. HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.

PROVIDE JOINT REINFORCING AT 16 INCHES. LAP JOINT REINFORCING 6 INCHES FOR STANDARD. . WHERE MASONRY UNITS ARE USED ABOVE HOLLOW UNITS OF A DIFFERENT

THICKNESS, PROVIDE A CONTINUOUS COURSE OF 100% SOLID MASONRY AT LEAST 8 INCHES HIGH BELOW TRANSITION. i. IN ALL MULTIPLE WYTHE WALLS AND CAVITY WALLS PROVIDE RECTANGULAR 3/16" DIA. WIRE WALL TIES (FIXED OR ADJUSTABLE) AT 16" O.C. HORIZONTALLY AND

D. LINTEL NOTES

5'-7" TO 6'-0"

PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. REFER TO ARCHITECTURAL AND HVAC DRAWINGS FOR LOCATION, NUMBER AND SIZES OF OPENINGS. FOR LINTELS NOT LABELED OR SHOWN ON STRUCTURAL DRAWINGS, APPLY NOTES 2 THROUGH 6.

2. FOR LINTELS OVER OPENINGS 6'-0" WIDE OR LESS, PROVIDE THE FOLLOWING FOR EACH 4 INCHES OF WALL THICKNESS (USE 6 INCHES MINIMUM BEARING EACH END); IN CAVITY WALLS, ADD L5 X 5 X 5/16 FOR BRICK SUPPORT WITH 6" BEARING EACH END AND CONTINUOUS BOTTOM PLATE 5/16 X (WALL "T"-1/2") AND STOP PLATE 1/8" SHORT

MASONRY OPENINGS SECTION L 3-1/2 X 3-1/2 X 5/16 L 4 X 3-1/2 X 5/16 LLV

3. FOR LINTELS OVER OPENINGS GREATER THAN 6'-0" WIDE, PROVIDE THE FOLLOWING BEAM SECTIONS WITH 7-1/2 INCH MINIMUM BEARING EACH END; ADD CONTINUOUS BOTTOM PLATE 5/16 X (WALL "T"-1/2") AND STOP PLATE 1/8" SHORT OF JAMBS; IN CAVITY WALLS ADD CONT. L5 X 5 X 5/16 WITH 7-1/2 INCH MINIMUM BEARING EACH END:

L 5 X 3-1/2 X 5/16 LLV

MASONRY OPENING SECTION 6'-1" TO 6'-6" W 8 X 13 6'-7" TO 7'-11" W 8 X 18 8'-0" TO 12'-0" W 8 X 21

4. CENTER WIDE FLANGE BEAM LINTELS ON FULL WIDTH OF BONDED MULTI-WYTHE WALLS. CENTER WIDE FLANGE BEAM LINTELS ON BLOCK BACK-UP WYTHE IN CAVITY WALLS, EXCEPT WHERE OTHERWISE SHOWN ON DRAWINGS.

E. STRUCTURAL STEEL

1. THE STEEL FRAME AS DESIGNED IS A NON-SELF-SUPPORTING STEEL FRAME. COORDINATE THE ERECTION WITH THE INSTALLATION OF OTHER BUILDING ELEMENTS REQUIRED FOR THE STRUCTURE'S STABILITY. THESE ELEMENTS INCLUDE SLABS, WOOD SHEATHING, WOOD TRUSSES, AND LIGHT GAGE METAL FRAMING.

a. STRUCTURAL STEEL CHANNEL, ANGLES, PLATES, ETC.: ASTM A36, FY = 36 KSI; STRUCTURAL STEEL WIDE FLANGES: ASTM A572 OR ASTM A992, FY = 50 KSI; HIGH STRENGTH BOLTS: ASTM A325 OR A490; ANCHOR BOLTS: ASTM A307 OR A36; ELECTRODES: SERIES E70; STRUCTURAL PIPES OR ROUND TUBING: ASTM A53 OR A501; FY = 35 KSI MIN; SQUARE AND RECTANGULAR TUBING: ASTM A500, FY = 46 KSI; EXPANSION BOLTS: HILTI "KWIK-BOLT TZ," SIMPSON STRONG-TIE "STRONG-BOLT" OR APPROVED EQUAL. ADHESIVE ANCHORS: HILTI "HIT-ICE/HIT HY 150," SIMPSON STRONG-TIE "ACRYLIC-TIE," ITW RED-HEAD "A7 ACRYLIC."

3. SPECIFICATION: WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY:

a. AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS

b. AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (MARCH 18, 2005). c. STRUCTURAL WELDING CODE, AWS D1.1/D1.1 M: 2008 OF THE AMERICAN WELDING

d. SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (JUNE 30, 2004).

4. CONNECTIONS:

a. FIELD CONNECTIONS TO BE BOLTED. SHOP CONNECTIONS TO BE WELDED OR BOLTED. CONNECTIONS TO BE SELECTED BY THE FABRICATOR TO DEVELOP THE FULL UNIFORM LOAD CAPACITY OF THE MEMBER OR FORCES SHOWN ON PLANS, WHICHEVER IS GREATER. UNLESS INDICATED OTHERWISE, ALL CONNECTIONS MAY BE DOUBLE ANGLE CONNECTIONS OR SINGLE PLATE SHEAR CONNECTIONS. FOLLOW INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR

b. ALL BOLTS IN KNEE BRACED FRAMES SHALL BE SLIP CRITICAL TYPE OR DESIGNED AS BEARING TYPE BOLTS IN STANDARD HOLES AND PRETENSIONED TO SLIP-CRITICAL CONDITION. USE STANDARD HOLES OR SHORT-SLOTTED HOLES TRANSVERSE TO THE DIRECTION OF THE LOAD AND SELECT THE NUMBER OF BOLTS FOR A SERVICEABILITY LIMIT STATE (IF OVER SIZED HOLES OR SLOTS PARALLEL TO THE LOAD ARE PERMITTED SELECT THE NUMBER OF BOLTS FOR A STRENGTH LIMIT

5. GALVANIZING: ALL SHELF ANGLES, LINTELS IN EXTERIOR WALLS, ALL EXTERIOR STEEL EXPOSED TO THE ELEMENTS, AND ALL ITEMS INDICATED ON THE DRAWINGS AS "GALVANIZED" SHALL BE GALVANIZED.

a. DO NOT PAINT STEEL OR ANCHOR BOLTS WHICH WILL BE GALVANIZED, ENCASED IN CONCRETE, STEEL THAT WILL RECEIVE SPRAYED-ON FIREPROOFING OR ANY STEEL NOT EXPOSED TO VIEW IN THE FINISHED STRUCTURE.

DETAILS

MISCELLANEOUS: a. THE COLUMNS, ANCHOR BOLTS, BASE PLATES AND FOUNDATIONS ARE DESIGNED TO RESIST A GRAVITY LOAD MOMENT OF 675 FOOT-POUNDS DURING ERECTION, IF SHIM PACKS ARE PROVIDED AT THE EXTREME EDGES ALONG ALL FOUR SIDES OF

THE BASE PLATE. FOR SAFETY CONSIDERATIONS DURING ERECTION, SEE STRUCTURAL NOTE A1. b. PROVIDE HOLES FOR OTHERS. IF OPENING IS NOT SHOWN ON THE STRUCTURAL

DRAWINGS, OBTAIN PRIOR APPROVAL. c. THE USE OF LEVELING PLATES AT COLUMN BASES IS PROHIBITED. SEE THE REINFORCED CONCRETE NOTES ABOVE FOR GROUT AND GROUTING

REQUIREMENTS. d. STEEL BELOW GRADE IS TO BE PROTECTED BY A MINIMUM OF 3 INCHES OF CONCRETE. e. PROVIDE WASHER AND HEAVY NUT AT ALL ANCHOR BOLTS (BOTH ENDS).

f. FINISH ENDS OF ALL COLUMNS, STIFFENERS AND ALL OTHER MEMBERS IN DIRECT g. PROVIDE BOLT HOLES FOR TOP PLATES BOLTED TO BEAMS. EMBEDMENT LENGTH OF EXPANSION BOLTS INTO SOLID MASONRY OR

1/2 INCH DIAMETER BOLTS --- 3-1/2 INCHES EMBEDMENT

3/4 INCH DIAMETER BOLTS --- 5 INCHES EMBEDMENT

8. CONTINGENCY:

a. INCLUDE AN ALLOWANCE IN THE BID TO PROVIDE AND ERECT AN ADDITIONAL 1/2 TON OF STRUCTURAL AND/OR MISCELLANEOUS STEEL (SHAPES, ANGLES, PLATES, ETC.). MATERIAL TO BE USED AND ITS APPLICATION SHALL BE DETERMINED BY THE ARCHITECT. CONNECTIONS, IF REQUIRED, SHALL BE FIELD-WELDED.

G. LIGHT GAGE METAL FRAMING

1. ALL STUDS USED FOR EXTERIOR WALL FRAMING SHALL BE 6" METAL "C" STUDS SPACED 16" O.C. AS INDICATED BELOW:

LOCATION Ix (MINIMUM)

STUDS WHICH SERVE AS BACKUP FOR FACE BRICK 16 GAGE 2.80 IN4

CONCRETE SHALL BE AS FOLLOWS:

STUDS WHICH SERVE AS BACKUP FOR WOOD PANEL

20 GAGE 1.74 IN4 2. ALL STUD CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR FOR THE REACTIONS INDUCED BY THE LOADS INDICATED BELOW.

3. HORIZONTAL WIND LOAD = 30 PSF (INWARD OR OUTWARD).

4. OPENINGS THROUGH STUD WALLS.

a. OPENINGS 12'-0" OR LESS IN WIDTH SHALL BE FRAMED WITH LIGHT GAGE FRAMING MEMBERS AS SHOWN IN SECTIONS D AND E/S202. b. WALL SECTIONS OVER OPENINGS GREATER THAN 12'-0" IN WIDTH SHALL BE FRAMED AS INDICATED ON THE DRAWINGS.

5. BOTTOM OF STUD WALLS SHALL BE ANCHORED TO THE SLAB WITH 1/2" DIAMETER EXPANSION BOLTS AT A MAXIMUM SPACING OF 4'-0" ON CENTER.

H. STRUCTURAL LUMBER

a. STRUCTURAL LUMBER: SOUTHERN PINE #2, ALLOWABLE STRESSES PER THE NATIONAL DESIGN SPECIFICATION SUPPLEMENT 2005 EDITION; 19% MAX. M.C

b. PLYWOOD: FOR ROOFS AND WALLS: C-D PLUGGED, STRUCTURAL I, EXPOSURE ' 5 PLY, WITH PANEL INDEX OF 24/0; 15/32 INCH THICK FOR WALLS, 3/4 INCH THICK WITH PLYWOOD CLIPS FOR ROOF SHEATHING. FOR PLATFORMS: C-D PLUGGED, STURD-I-FLOOR, EXPOSURE 1, WITH PANEL INDEX OF 16 OC; 1/2 INCH THICK. OSB: FOR WALLS: 15/32 INCH THICK WITH PANEL INDEX W24, EXPOSURE 1. FOR ROOFS: 3/4 INCH THICK WITH PANEL INDEX 1R24, EXPOSURE 1. FOR FLOORS: 1/2 INCH THICK, STURD-I-FLOOR WITH PANEL INDEX OF 1F24, EXPOSURE 1.

SPECIFICATIONS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST EDITION OF: a. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

a. JOISTS TO SIDES OF BEAMS: 16 GA. GALVANIZED STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE. b. JOISTS AND TRUSSES TO TOPS OF WALLS AND BEAMS: 18 GA. GALVANIZED

b. U.S. PRODUCT STANDARD PS1

HURRICANE ANCHORS. PLYWOOD OR OSB TO PLATFORM JOISTS: SCREWED - USE #8 SCREWS AT 6 INCHES O/C AT PANEL EDGES AND 12 INCHES O/C AT INTERMEDIATE SUPPORTS d. PLYWOOD OR OSB TO ROOF TRUSSES OR RAFTERS: NAILED - USE 6d RING SHANK NAILS AT 6 INCHES O/C AT PANEL EDGES AND 12 INCHES O/C AT INTERMEDIATE

SUPPORTS. PROVIDE PLYWOOD CLIPS AT MID-SPAN OF PLYWOOD BETWEEN

MISCELLANEOUS

a. USE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O/C MAX. FOR ALL JOISTS AND RAFTERS, USE SOLID BLOCKING AT JOIST AND RAFTER BEARING PROVIDE AND INSTALL BRIDGING FOR PREFABRICATED WOOD TRUSSES AS INDICATED ON THE TRUSS MANUFACTURER'S APPROVED SHOP DRAWINGS.

I. PREFABRICATED WOOD TRUSSES

NET WIND UPLIFT:

 MATERIALS: a. LUMBER: SOUTHERN PINE #2, ALLOWABLE STRESSES PER THE NATIONAL DESIGN SPECIFICATION SUPPLEMENT, 2005 EDITION; 19% MAX. M.C. b. METAL CONNECTOR PLATES: GALVANIZED SHEET STEEL, ASTM A653, GRADE A, COATING CLASS G60 PER ASTM A653 TYPICALLY. USE COATINGS CLASS G185

WHEN FRT IS USED. MANUFACTURE WITH HOLES, PLUGS, TEETH OR PRONGS UNIFORMLY SPACED AND FORMED. DESIGN:

 a. TOP CHORD LIVE LOAD: TOP CHORD DEAD LOAD: 10 PSF BOTTOM CHORD LIVE LOAD: 10 PSF BOTTOM CHORD DEAD LOAD (NON-CONCURRENT): 15 PSF

ENGINEER, REGISTERED IN GEORGIA, EXPERIENCED IN SIMILAR DESIGN, RETAINED BY THE MANUFACTURER. c. SHOP DRAWINGS SHALL EXHIBIT THE SEAL OF THE ENGINEER RESPONSIBLE FOR THE TRUSS DESIGN.

b. FINAL DESIGN OF MEMBERS AND CONNECTIONS IS TO BE BY A PROFESSIONAL

d. MEMBER SIZES SHOWN ARE MINIMUM SIZES. e. MAXIMUM LIVE LOAD DEFLECTION IS TO BE L/360. f. MAXIMUM TOTAL LOAD DEFLECTION IS TO BE L/240.

3. MISCELLANEOUS: a. BOLT TOP CHORDS OF ALL MULTIPLE TRUSSES TOGETHER WITH 1/2" DIAMETER

(GBC SECTION 2303.4.1.2).

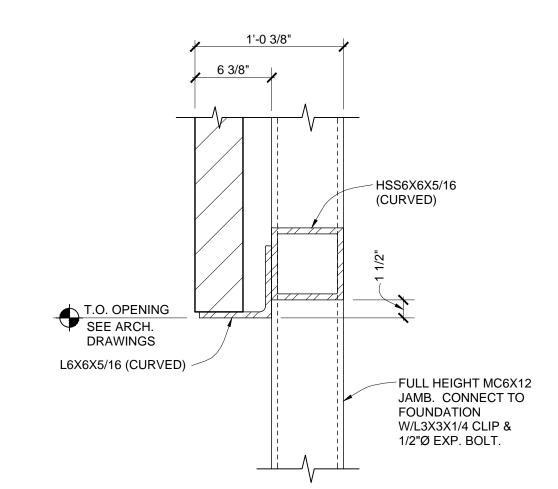
BOLTS AT 4'-0" O.C. BOLT WEB MEMBERS TOGETHER WITH 1/2" DIAMETER BOLTS AT 2'-0" O.C. AT CONCENTRATED LOADS. b. TRUSS FABRICATOR SHALL SUBMIT COPIES OF THE FINAL STAMPED TRUSS FABRICATION DRAWINGS AND A TRUSS LAYOUT DRAWING TO THE AUTHORITY HAVING JURISDICTION. TRUSSES SHALL NOT BE INSTALLED PRIOR TO APPROVAL

J. ABBREVIATIONS: B. = BOTTOM; B.L. = BRICK LEDGE EL; C.I.P. = CAST IN PLACE; C.M.U. = CONCRETE MASONRY UNIT; (E) = EXISTING; E.E. = EACH END; E.F. = EACH FACE; E.W. = EACH WAY; GALV. = GALVANIZED; LLH = LONG LEG HORIZONTAL; LLV = LONG LEG VERTICAL; N.T.S. = NOT TO SCALE; O.C. = ON CENTER; S.O.G. = SLAB ON GRADE; T. = TOP; T.O.F. = TOP OF FOOTING ELEVATION; T.O.P. = TOP OF PIER ELEVATION; T.O.S. = TOP OF SLAB ELEVATION; T.O.STL. = TOP OF STEEL ELEVATION; T.O.W. = TOP OF WALL ELEVATION; TYP. = TYPICAL; U.N.O. = UNLESS NOTED OTHERWISE; W.W.F. = WELDED WIRE FABRIC.

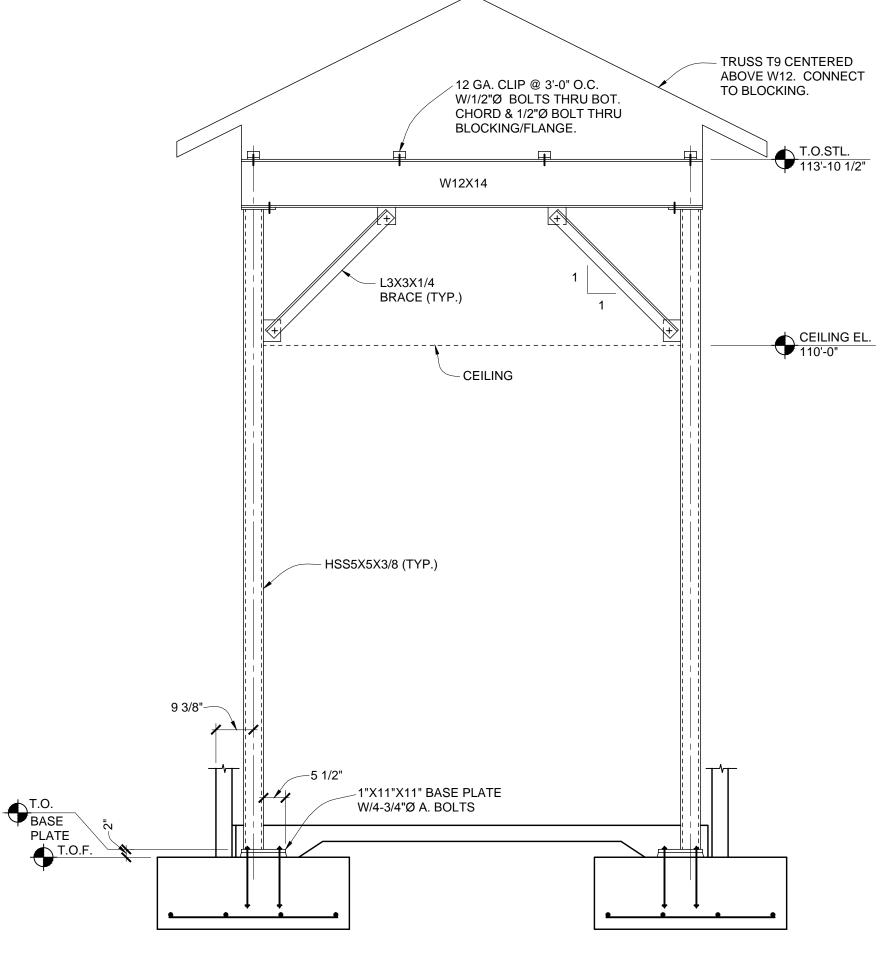
100% SOLID OR GROUT FILLED CMU

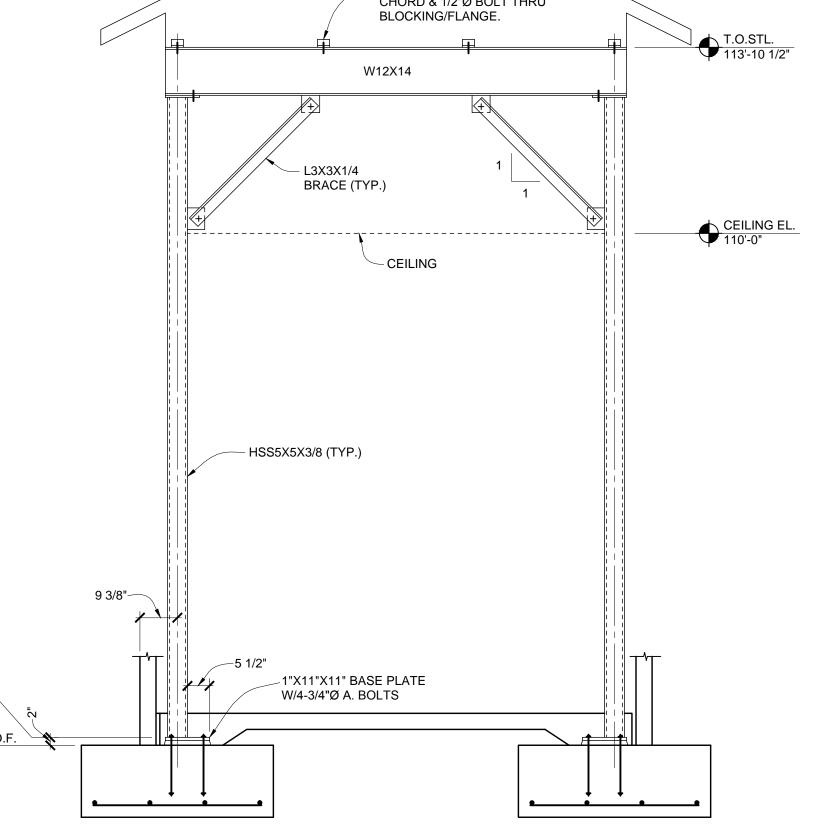
- CAST-IN-PLACE CONCRETE

- EXISTING WALL

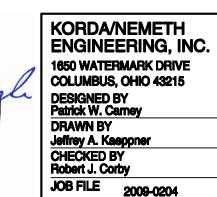






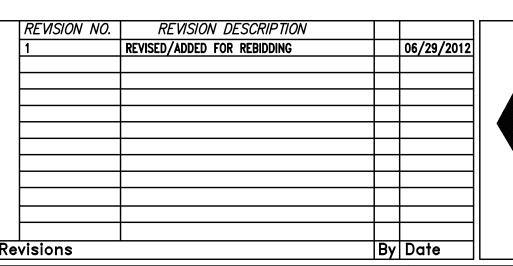














Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. Dublin, Ga. 31021



DICAL DIRECTOR
SOCIATE DIRECTOR
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SOC. DIRECTOR
RVICE LINE MGRS.

Recommended	Approvals:	Drawing little
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	STŘUC NOTES
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5. SERVICE LINE MGRS.	10. COTR	200

TRUCTURAL Project Title OTES Building Number AutoCAD File Name Drawn KORDA/NEMETH STRUCTION BID DOCUMENTS

Checked

NO. 031976

PROFESSIONAL

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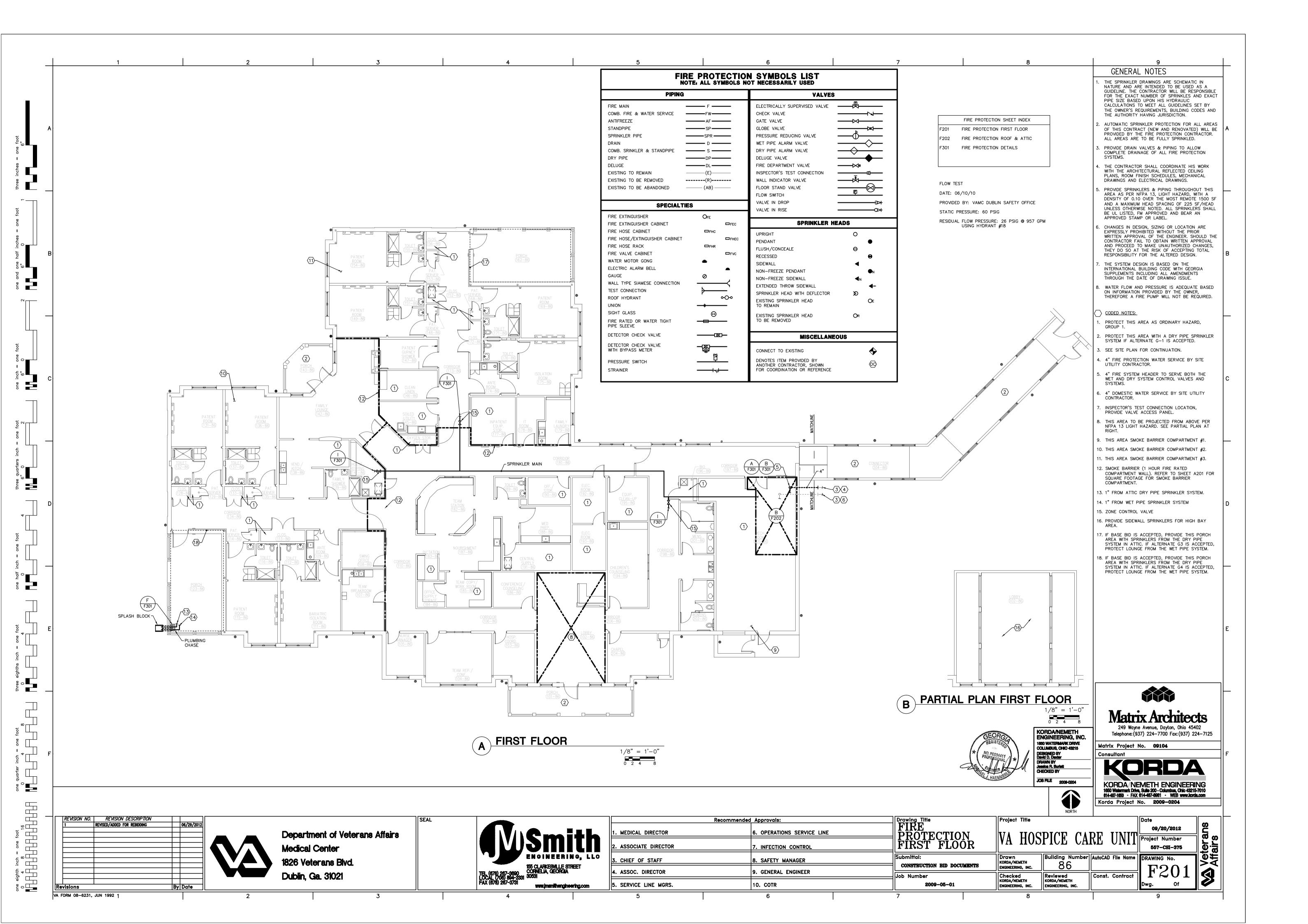
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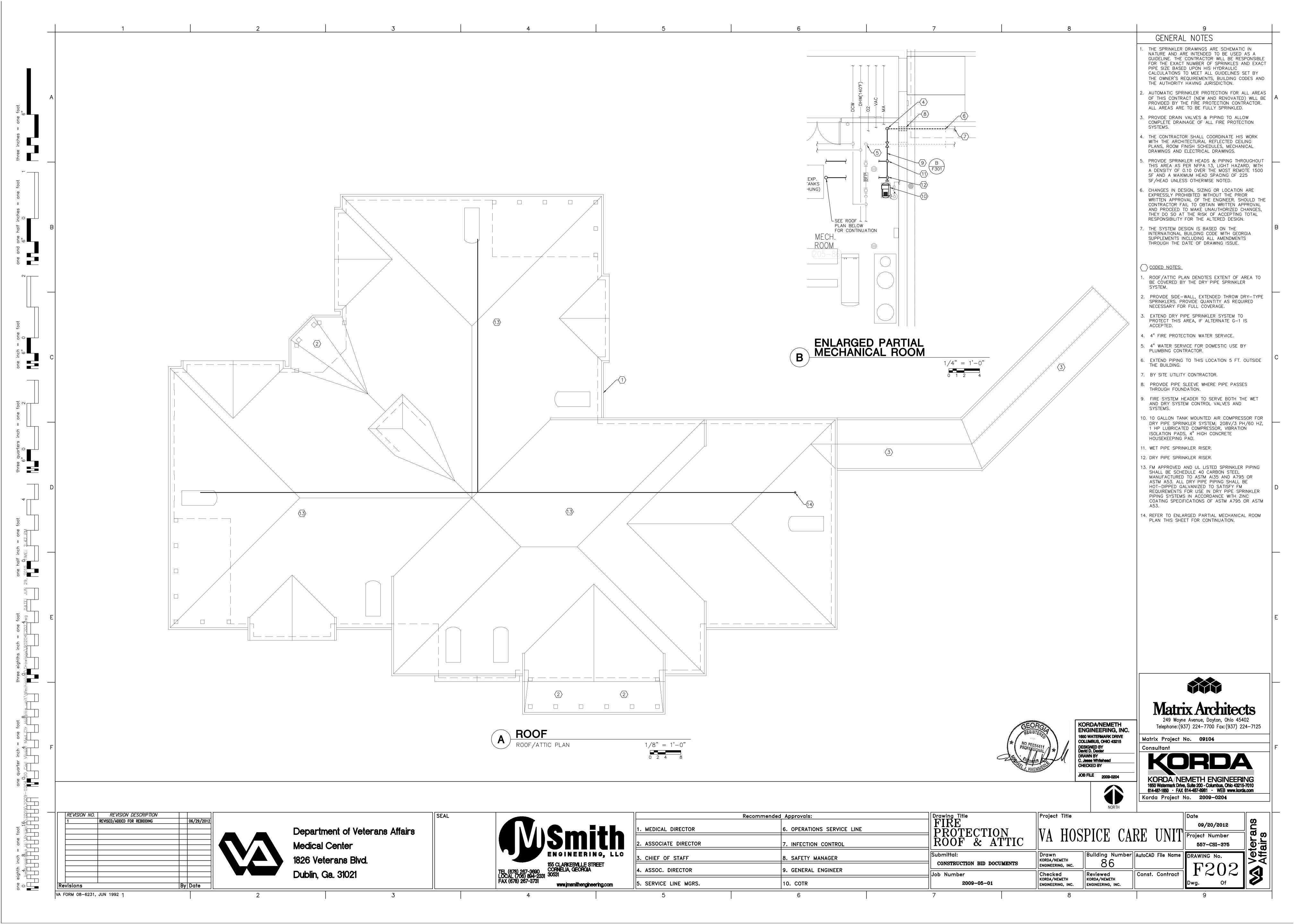
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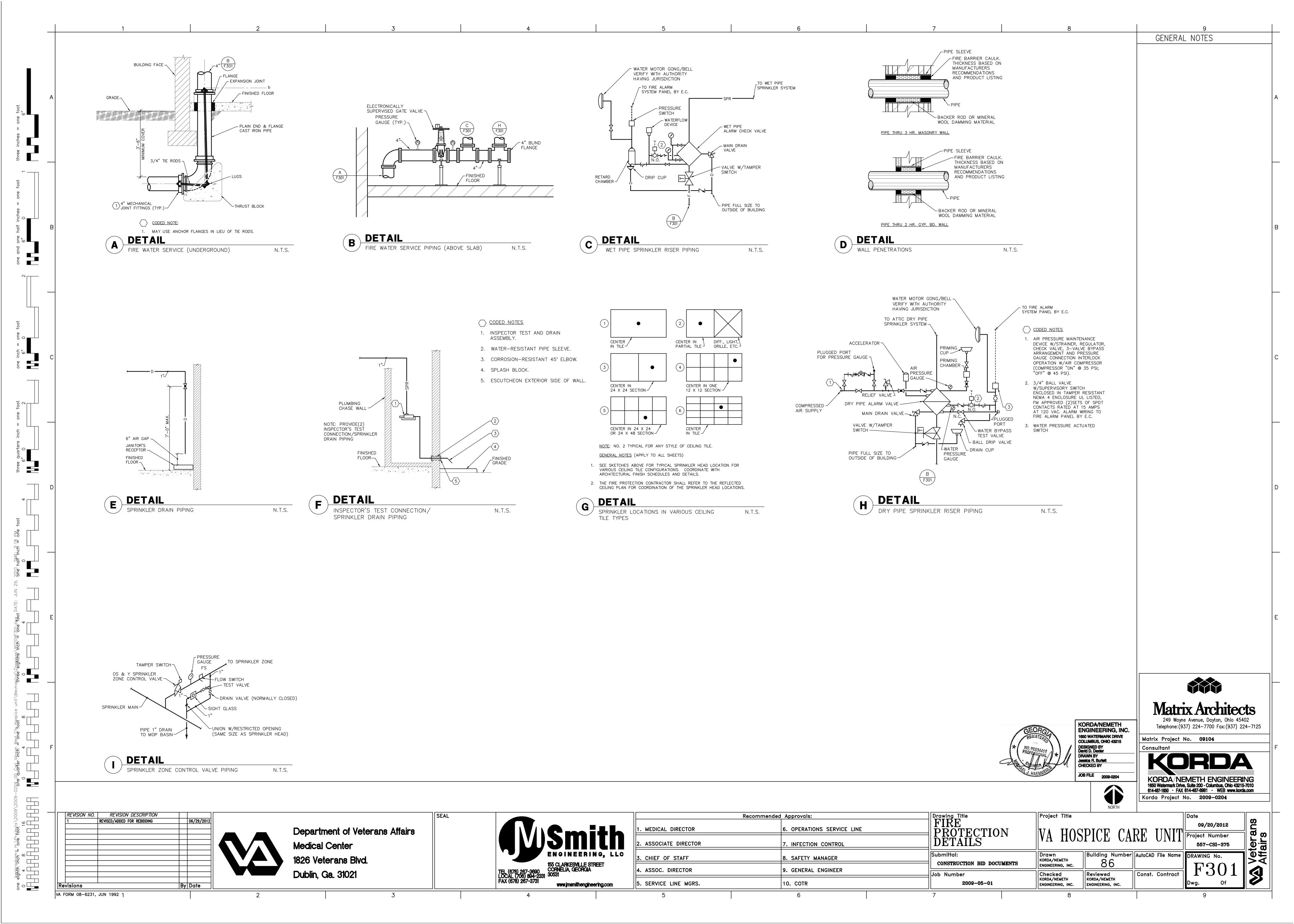
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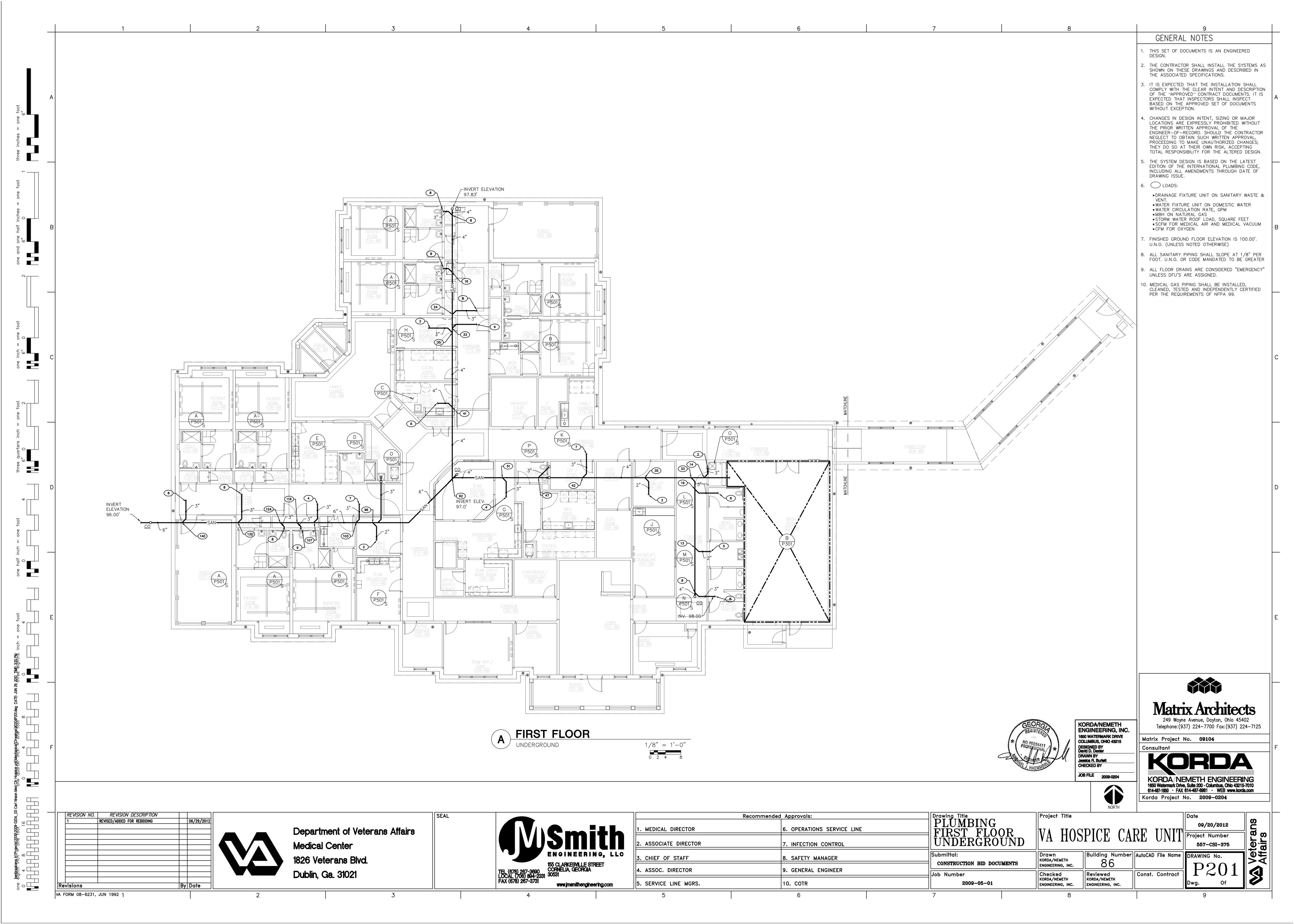
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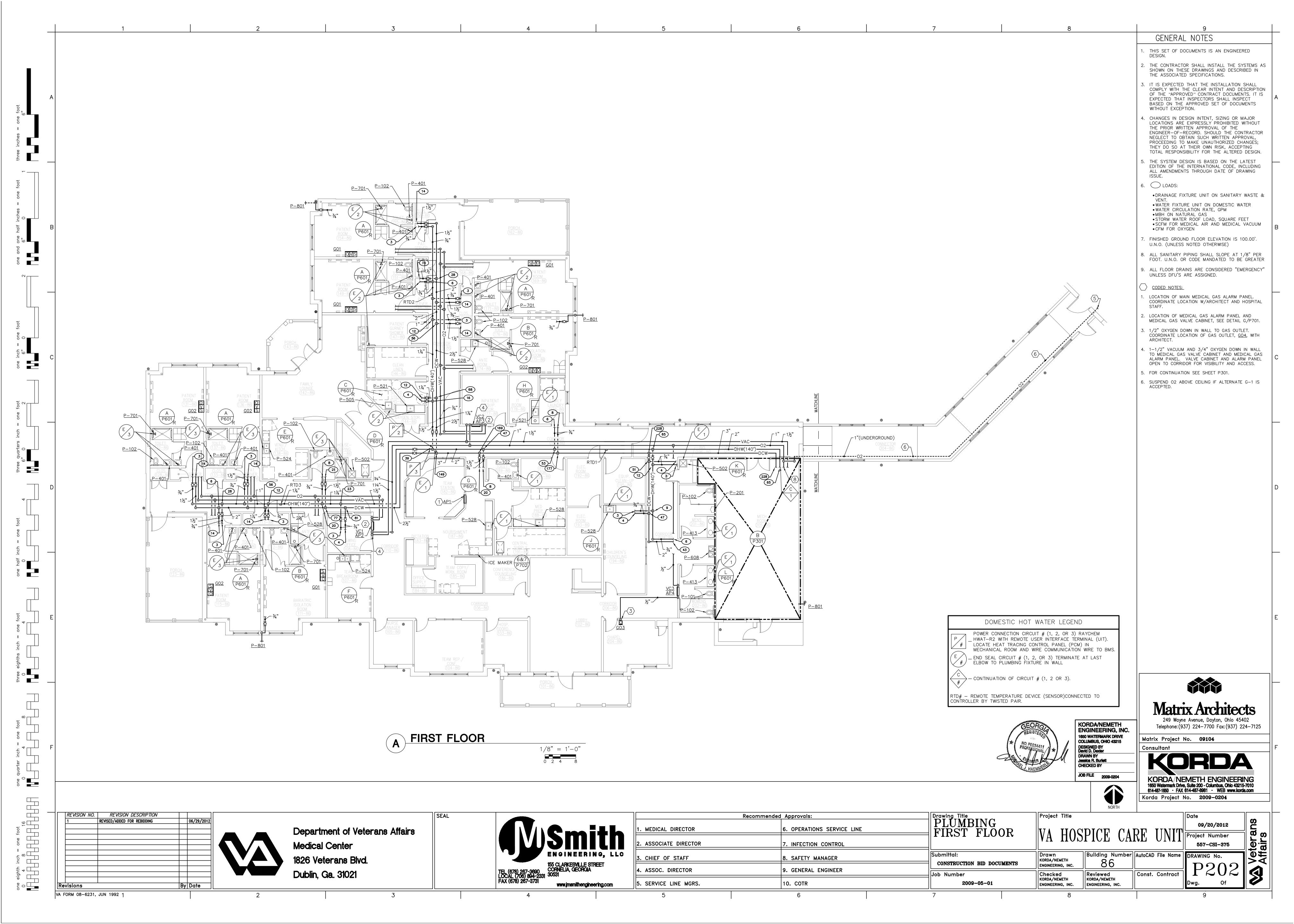
Const. Contract

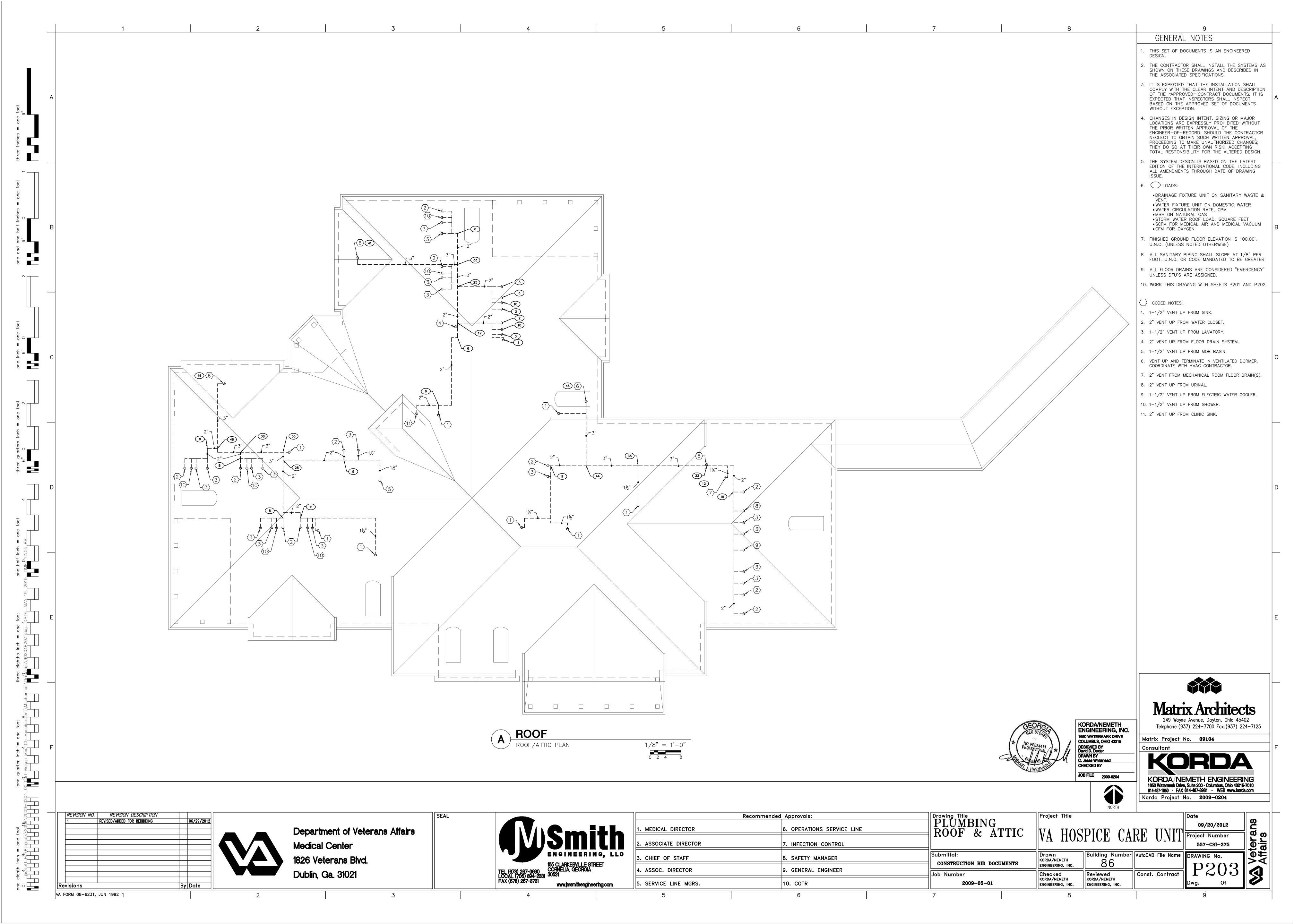


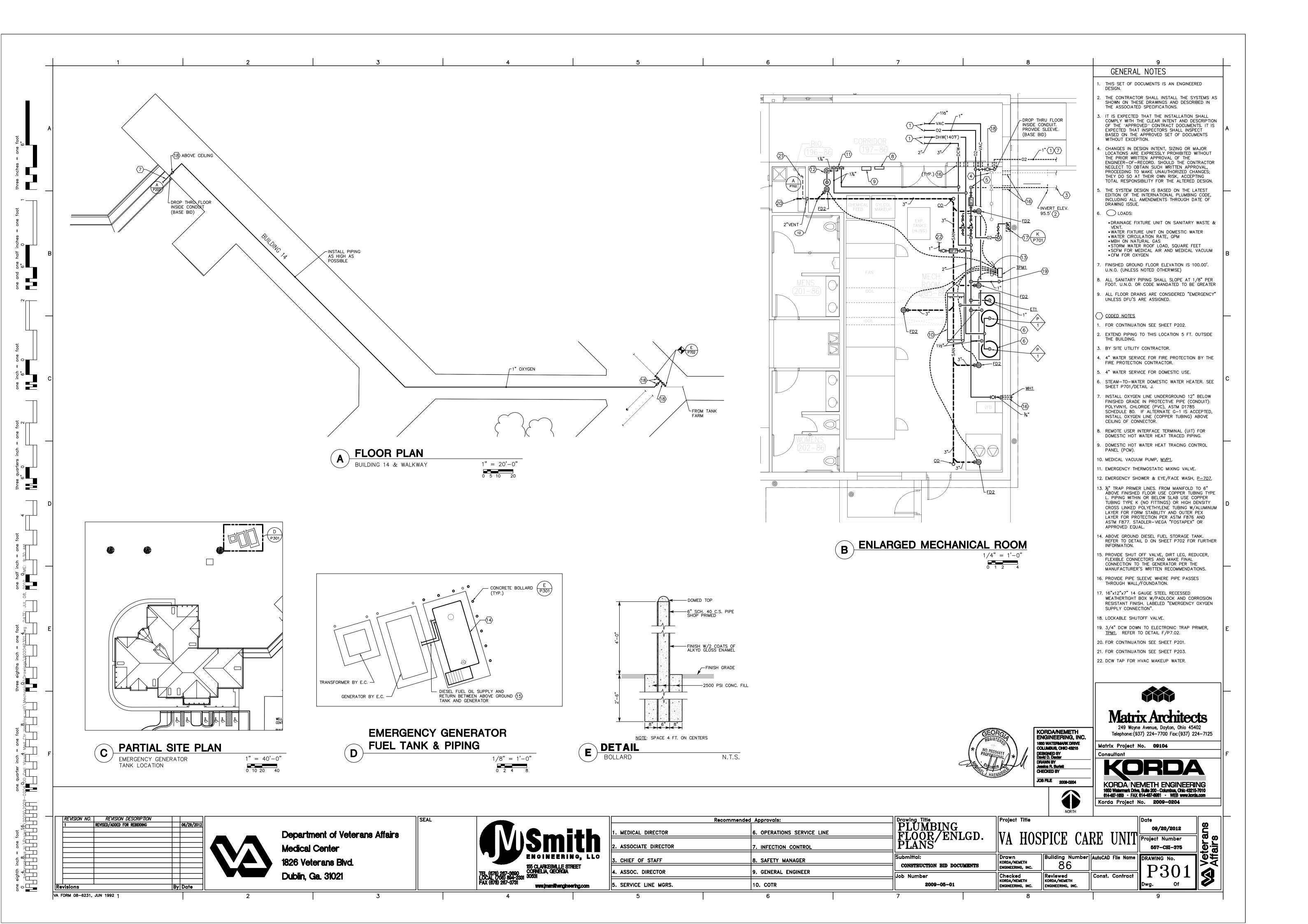












PLUMBING FIXTURE SCHEDULE REFER TO SPECIFICATION SECTION 22 40 00 "PLUMBING FIXTURES" FOR FURTHER REQUIREMENTS 1) WALL MOUNTED 4) SEMI-RECESSED 7) STAINLESS STEEL 10) PRE CAST TERRAZZO 13 CAST IRON 2 FLOOR MOUNTED 5 COUNTERTOP 8 STEEL 11) MOLDED STONE (4) WHITE (7) AS INDICATED (3) FULLY RECESSED (6) VITREOUS CHINA (9) FIBERGLASS (12) BRASS (15) CHROME PLATED PROVIDE PER SPECIFICATIONS PIPE CONNECTIONS DESCRIPTION REMARKS SIPHON JET, ELONGATED BOWL, TOP OF RIM 15" ABOVE WATER CLOSET 14 • FINISHED FLOOR. 6 14 SIPHON JET, ELONGATED BOWL, TOP OF RIM 16½" ABOVI WATER CLOSET (WC2) ELONGATED 14" RIM FROM FINISHED WALL, WASHOUT URINAL FLUSH ACTION, EXTENDED SIDES FOR PRIVACY. 6 14 FRONT OVERFLOW, D-SHAPED BOWL, SELF DRAINING DECK AREA W/BACK AND SIDE SPLASH SHIELDS. LAVATORY 5 16 14 • DECK (COUNTERTOP) WITH INTEGRAL BOWLS. LAVATORY MOP BASIN FLUSHING RIM, BLOWOUT ACTION TYPE; INCLUDE STRAINER, STAINLESS STEEL RIM GUARDS, FLUSHOMETER, SERVICE SINK FAUCET AND BED PAN SELF-RIMMING TYPE 304 STAINLESS STEEL TOP MOUNT (ASME/ANSI A112.19.3M) DRAIN PUNCHED CENTERED, (SK1) (DOUBLE COMPARTMENT) 3-HOLE PUNCHED FAUCET, FULL COATED INSULATED (ASME/ANSI A112.19.3M) DRAIN PUNCHED CENTERED, (SINGLE COMPARTMENT) 3-HOLE PUNCHED FAUCET, FULL COATED INSULATED UNDERSIDE, 10½" DEPTH (ASME/ANSI A112.19.3M), DRAIN PUNCH CENTERED, FULLY COATED INSULATED UNDERSIDE, 12" DEPTH (LAUNDRY) _ 1 7 _ • BARRIER FREE SPLIT LEVEL (RIGHT "HIGH", LEFT "LOW" ELECTRIC WATER COOLER 1½" 1½" ½" ADA WHEEL CHAIR ACCESSIBLE STALL SHALL BE TILED BY G.T.C. INCLUDES STATIONARY 2.5 GPM SHOWERHEAD HAND HELD SHOWER, 60" METAL HOSE, 30" GLIDE RAIL, DROP ELL VACUUM BREAKER, SINGLE—HANDLE SHOWER PRESSURE BALANCING VALVE W/INTEGRAL STOPS (ASSE 016) AND DIVERTER VALVE. STAINLESS STEEL SHOWER HEAD, PULL ROD WITH TRIANGULAR HANDLE, AND EYE/FACE WASH RECEPTOR, 11/4" GALVANIZED STEEL STANCHION AND PIPE FITTINGS EMERGENCY SHOWER & W/SAFETY "YELLOW" PAINT COATING. INCLUDE CHROME EYE/FACE WASH PLATED BRASS 1" NPT STAY-OPEN BALL VALVE (SHOWER VALVE) AND ½" NPT STAY-OPEN BALL VALVE (EYE/FACE WASH VALVE). - CAST BRONZE, FREEZE RESISTANT WALL HYDRANT WALL-MOUNTED, MALE HOSE THREAD ON SPOUT WITH HOSE BIBB VACUUM BREAKER 16 GAUGE STEEL RECESSED WALL BOX W/EPOXY FINISH P-901 (WB1) WASHER CONNECTION BOX w/20 AMP DUPLEX GROUNDING RECEPTACLE, TOP SUPPLIES, 1/2" HOSE END VALVES, 11/2" DRAIN PIPE AND OVERFLOW GUARD. PROVIDE STANDPIPE AND 3" TRAP.

	MEDICAL GAS CONNECTION SCHEDULE							
TAG DECORPORATION		PIPII	PIPING CONNECTIONS			DELLARIZA		
TAG	DESCRIPTION	OXYGEN	MED. AIR	VACUUM	ELEC	REMARKS		
AP1	MAIN MEDICAL GAS ALARM PANEL	<i>1</i> 4"	1/4"	1/4"	120/1/60 (EMERGENCY POWER)	FULLY ELECTRONIC MONITORING SYSTEM.		
AP2 AP3 & AP4	MEDICAL GAS ALARM PANEL	_	_	-	120/1/60 (EMERGENCY POWER)	ACCOMODATES FOUR ALARM MODULES.		
VC1 VC2 & VC3	MEDICAL GAS VALVE CABINET	3/4"	3∕4"	11⁄4"	-	FULL PORT, DOUBLE SEAL, BALL TYPE SHUT-OFF VALVES AND 18 GAUGE STEEL W/WHITE EPOXY FINISH VALVE BOX ASSEMBLY.		
GO1 & GO2	GAS OUTLET (GEOMETRIC QUICK-CONNECT KEY STYLE)	1⁄2"	1⁄2"	3/4"	-	OXYGEN, MEDICAL AIR, VACUUM OUTLETS AND (1)SLIDE ASSEMBLY.		
G03	GAS OUTLET (GEOMETRIC QUICK-CONNECT KEY STYLE)	1⁄2"	-	-	-	OXYGEN OUTLET, COMPLETE WITH SECURITY COVER.		
EOSC1	EMER. OXYGEN SUPPLY CONNECTION CABINET	1"	-	-	-	RECESSED MOUNTED, WEATHERTIGHT, 14 GAUGE STEEL CONSTRUCTION BOX WITH PADLOCK AND CORROSION RESISTANT FINISH		
PS1	PRESSURE SWITCH	3/4"	34"	_	-	U.L. LISTED, SINGLE POLE, DOUBLE THROW, SNAP ACTION MICROSWITCH.		
VS1	VACUUM SWITCH	-	-	34"	-	U.L. LISTED, SINGLE POLE, DOUBLE THROW SWITCHING ELEMENTS.		

PLUMBING SYMBOLS LIST NOTE: ALL SYMBOLS NOT NECESSARILY USED					
PIPING	VALVES				
WATER SERVICE DOMESTIC COLD WATER SOFT WATER DOMESTIC HOT WATER (XXX'F) TEMPERED WATER (XXX'F) DOMESTIC HOT WATER RETURN (XXX'F) RAW WATER DISTILLED WATER DEIONIZED WATER SANITARY STORM ACID WASTE HOT WASTE W DOW DOW DOW DOW DOW DOW DOW	BACKFLOW PREVENTER BALANCING/SHUT-OFF VALVE WITH GAUGE TAPPINGS BALL VALVE BUTTERFLY VALVE CHECK VALVE GAS PRESSURE REGULATOR GATE VALVE GLOBE VALVE PRESSURE REDUCING VALVE PRESSURE RELIEF VALVE SOLENOID VALVE STRAINER				
INDIRECT WASTE COMBINATION SEWER EMERGENCY STORM PUMPED DISCHARGE VENT VENT VENT IND COMB ESTM PD PD VENT	SPECIALTIES AND MISCELLANEOUS				
ACID VENT FUEL OIL SUPPLY FUEL OIL SUPPLY FOS FUEL OIL VENT NATURAL GAS PROPANE MEDICAL OXYGEN MEDICAL AIR COMPRESSED AIR VACUUM CLEANING WASTE GAS DISPOSAL NITROGEN NITROUS OXIDE CARBON DIOXIDE EXISTING TO BE REMOVED EXISTING TO BE ABANDONED FUTURE FLOW ARROW UNDER FLOOR PIPING FOS FOS FOS FOR FOR FOR FOR FOR	CAPPED PIPE PIPE SLEEVE FLEXIBLE CONNECTION GAUGE METER P—TRAP PIPE DROP PIPE RISE THERMOMETER THROUGH FLOOR AT LEVEL SHOWN UNION VENT THROUGH ROOF (VTR) CLEANOUT WALL HYDRANT (FREEZE PROOF) HOSE BIBB YARD HYDRANT SHOCK ABSORBER FLOOR OR AREA DRAIN ROOF DRAIN CONNECT TO EXISTING VALVE IN RISER/DROP HEAT TRACED PIPE DENOTES ITEM PROVIDED BY ANOTHER CONTRACTOR, SHOWN FOR COORDINATION OR REFERENCE				

GENERAL	NOTES
GENERAL NOTES	

CHANGES IN DESIGN, SIZING OR LOCATION ARE EXPRESSLY PROHIBITED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER. SHOULD THE CONTRACTOR FAIL TO OBTAIN WRITTEN APPROVAL AND PROCEED TO MAKE UNAUTHORIZED CHANGES, THEY DO SO AT THE RISK OF ACCEPTING TOTAL RESPONSIBILITY FOR THE ALTERED DESIGN.

THE SYSTEM DESIGN IS BASED ON THE INTERNATIONAL PLUMBING CODE, PLUMBING INCLUDING ALL AMENDMENTS THROUGH THE DATE OF DRAWING ISSUE.

3. LOADS: DRAINAGE FIXTURE UNIT ON SANITARY WASTE & VENT. WATER FIXTURE UNIT ON DOMESTIC WATER MBH ON GAS
ROOF LOAD, SQUARE FEET

FINISHED GROUND FLOOR ELEVATION IS 100.00'.

FIXTURE IDENTIFICATION NUMBER SEE SHEET P401. ALL SANITARY PIPING SLOPE AT 1/8" PER FOOT.

ALL FLOOR DRAINS ARE CONSIDERED "EMERGENCY FLOOR DRAIN" UNLESS DFU'S ARE ASSIGNED. CODED NOTES

CONFIRM WALL OUTLET TYPES WITH OWNER

PRIOR TO ORDERING.

	PLUMBING EQUIPMENT SCHEDULE						
TAG	DESCRIPTION	ELEC. REQ.	REMARKS				
DWH-1 &c DWH-2	SHELL & STEAM COIL DOMESTIC WATER HEATER	120V/ 1PH	80 GALLON CEMENT LINED 2" THICK POLYURETHANE FOAM INSULATED STEEL STORAGE VESSEL RATED FOR 150 PSI WORKING PRESSURE SINGLE WALL COPPER FINNED TUBE COIL RATED FOR 150 PSI WORKING PRESSURE 1½" MNPT INLET/OUTLET, ¾" DRAIN, ¾" RELIEF VALVE CONNECTIONS 240 GPH RECOVERY @ 40° TO 140° F ΔT USING 25 PSI STEAM SELF—CONTAINED TYPE TEMPERATURE REGULATOR, F&T CAST IRON TRAP, THERMOSTATIC DRIP TRAP, CAST IRON Y—STRAINER W/#20 MESH SCREEN, AND INTRA—TANK CIRCULATING PUMP. 5 YEAR TANK WARRANTY. REFER TO SPEC. SECTION 22 35 00 FOR FUTHER REQUIREMENTS.				
ET1	EXPANSION TANK	-	TANK VOLUME: 13.0 GAL, ACCEPTANCE VOLUME: 7.7 GAL, 1" NPT SYSTEM CONNECTION, 50 PSI FACTORY PRE—CHARGE.				
MVP1	MEDICAL VACUUM PUMP	208V/3PH /60HZ (6FLA) (2)1.5HP PUMP	DUPLEX OIL—FREE LIQUID RING 1.5 HP @ 1800 RPM, 7.0 SCFM AT 19" HG (EACH PUMP) UNIT COMPLETE W/120 GALLON ASME HORIZONTAL RECEIVER. REFER TO SPEC SECTION 22 62 00 PARAGRAPH 2.11 FOR FURTHER REQUIREMENTS.				
FWG1	FOOD WASTE GRINDER	120V/1PH /60HZ 1HP 10.2AMPS	CHAMBER AND COTTER, SOUND INSOCATED.				

F		ANOUT SCHEDULE ON SECTION 22 13 00 "FACILITY SANITARY SEWERAGE" FOR FURTHER REQUIREMENTS
ITEM	DESCRIPTION	ACCESORIES
CO1	CLEANOUT TILE	ADJUSTABLE CAST IRON WITH THREADED BRONZE PLUG, NICKEL-BRONZE VANDAL-RESISTANT ROUND SCORIATED COVER, LINE SIZE
wco	CLEANOUT WALL	COUNTERSUNK BRONZE PLUG AND VANDAL-RESISTANT POLISHED CHROME COVER

RE	FER TO SPECIFICATION	AIN SCHEDULE N SECTION 22 13 00 "FACILITY SANITARY SEWERAGE" FOR FURTHER REQUIREMENTS
ITEM	DESCRIPTION	ACCESORIES
DN1	DOWNSPOUT NOZZLE	NICKEL BRONZE BODY WITH BIRD SCREEN, INSTALL AT 18" ABOVE FINISHED GRADE
CARI	FLOOR DRAIN CARPET OR BARE CONCRETE	CAST IRON BODY W/CLAMPING COLLAR, SEEPAGE OPENING 6" DIA. SATIN FINISH BRONZE STRAINER, 3" BOTTOM OUTLET, ½" TRAP PRIMER CONNECTION, VANDAL—RESISTANT SCREWS.
101	FLOOR DRAIN CERAMIC OR QUARRY TILE	CAST IRON BODY W/CLAMPING COLLAR, SEEPAGE OPENING 6" SQ. SATIN FINISH BRONZE STRAINER W/TILE FLANGE, 3" BOTTOM OUTLET, ½" TRAP PRIMER CONNECTION, VANDAL—RESISTANT SCREWS.
FD2	FLOOR DRAIN	TWO-PIECE CAST IRON BODY W/CLAMPING COLLAR, SEEPAGE OPENINGS, 8-1/2" DIA SATIN NIKALOY COVER, 3" BOTTOM OUTLET, ½" TRAP PRIMER CONN., VANDAL-RESISTANT SCREWS
RD1	ROOF DRAIN	PRIMARY/SECONDARY IN A COMMON PAN AS SHOWN WITH SECONDARY FLASHING CLAMP, SUMP RECIEVER, UNDERDECK CLAMP WITH CAST IRON DOME.



KORDA/NEMETH ENGINEERING, INC. 1650 WATERMARK DRIVE COLUMBUS, OHIO 43215 DESIGNED BY David D. Davider DRAWN BY Jessica R. Buriett CHECKED BY

Matrix Architects 249 Wayne Avenue, Dayton, Ohio 45402 Telephone: (937) 224-7700 Fax: (937) 224-7125 Matrix Project No. 09104

KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-467-1650 - FAX 614-487-6981 - WEB www.kords.com Korda Project No. 2009-0204

09/20/2012

REVISION NO.			
1	REVISED/ADDED FOR REBIDDING		06/29/2012
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one eighth inch = one foot



Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. **Dublin, Ga. 31021**

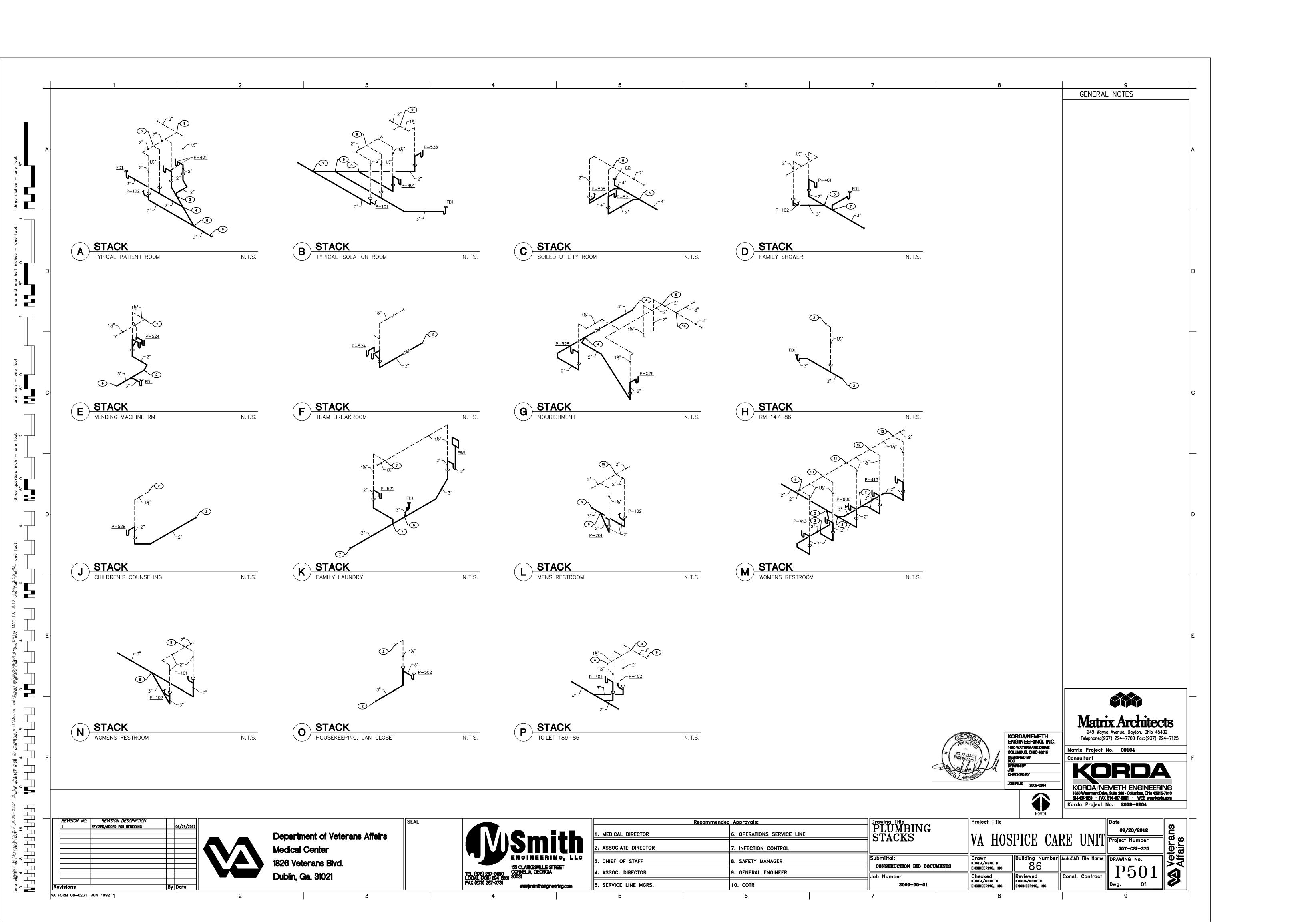


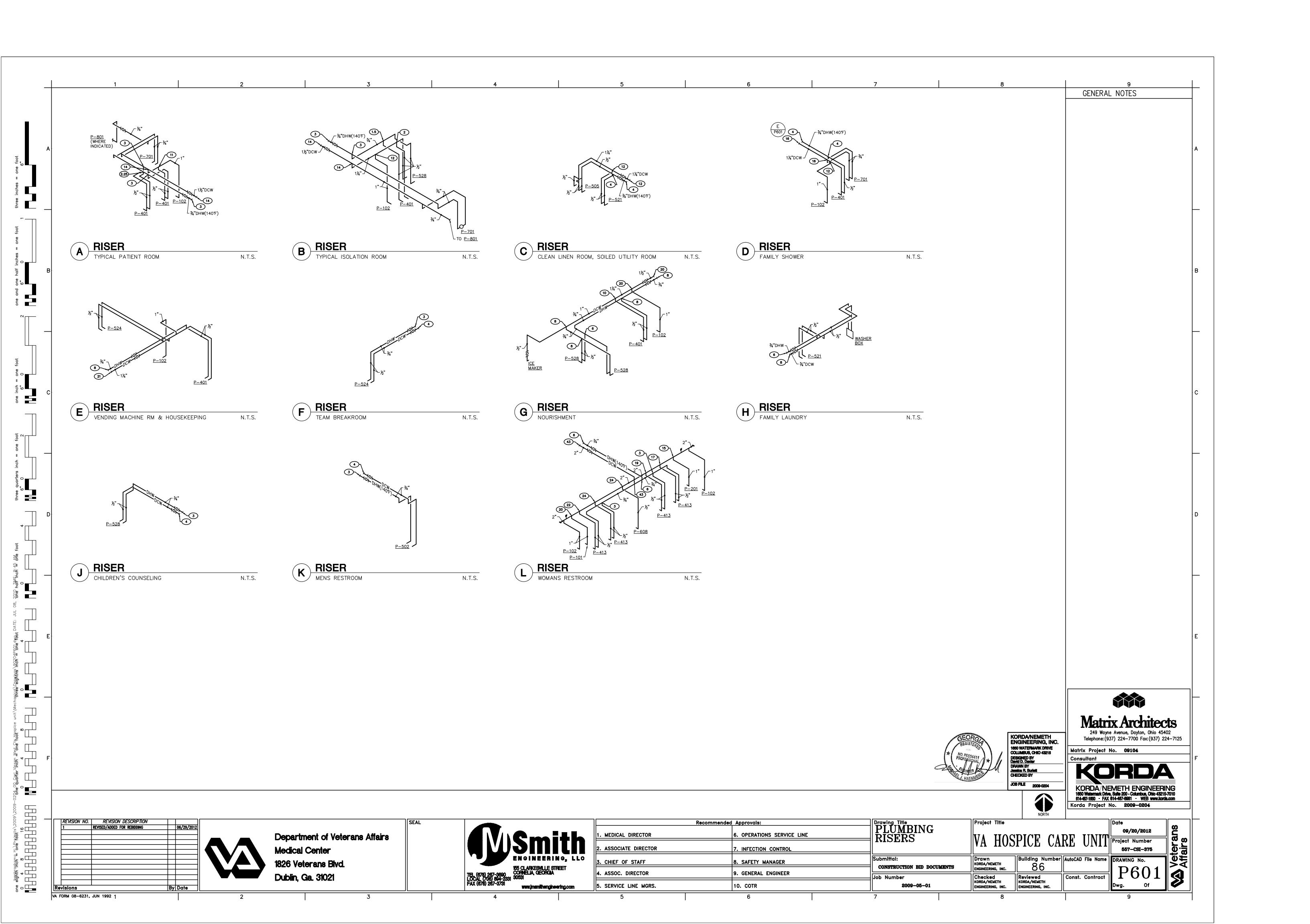
		Recommended Approvals:	
	1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LIN	Ε
	2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
.0	3. CHIEF OF STAFF	8. SAFETY MANAGER	
	4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	
	5. SERVICE LINE MGRS.	10. COTR	

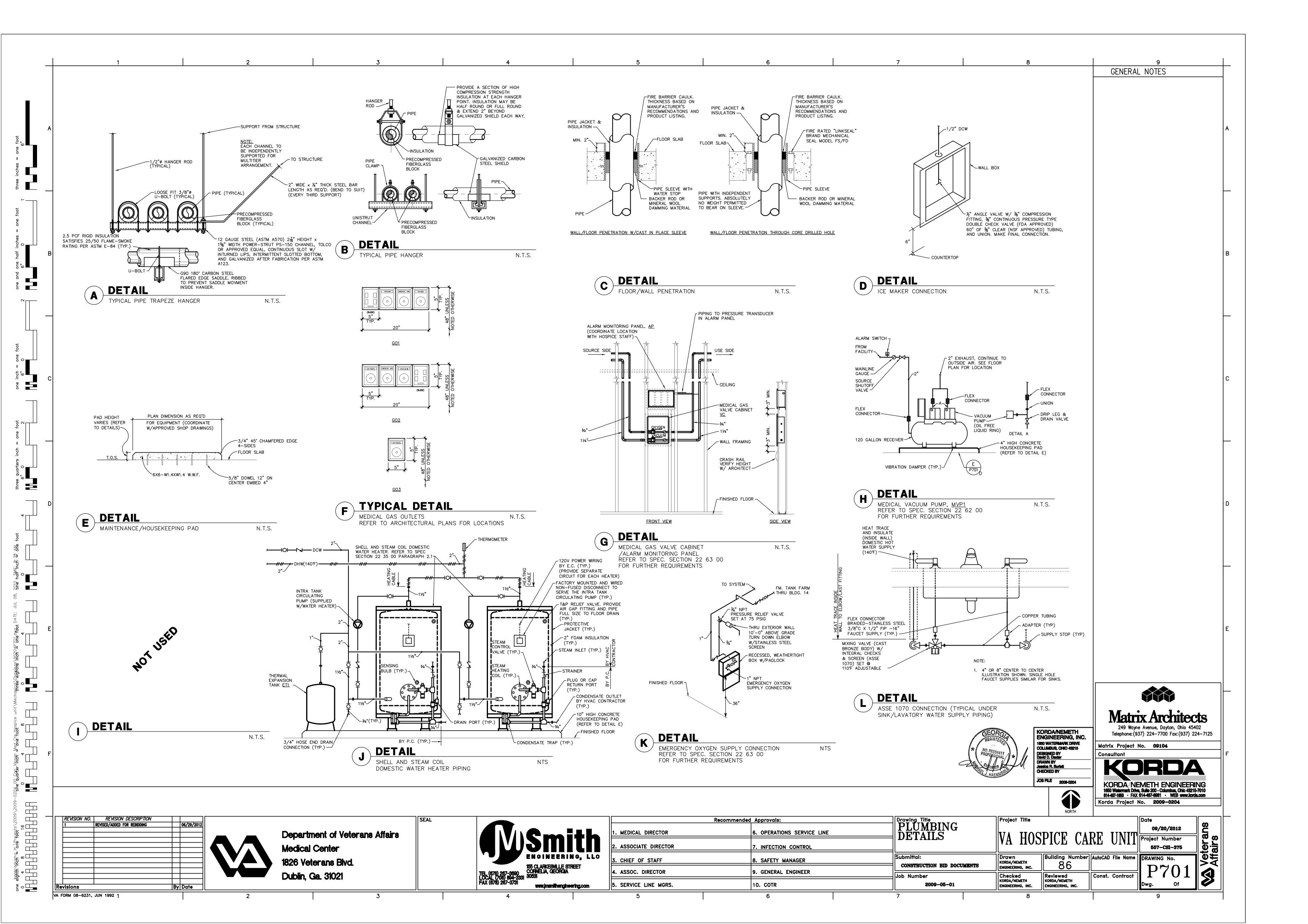
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Submittal:	
CONSTRUCTION BID DOCUMENTS	
Job Number	$\neg \iota$

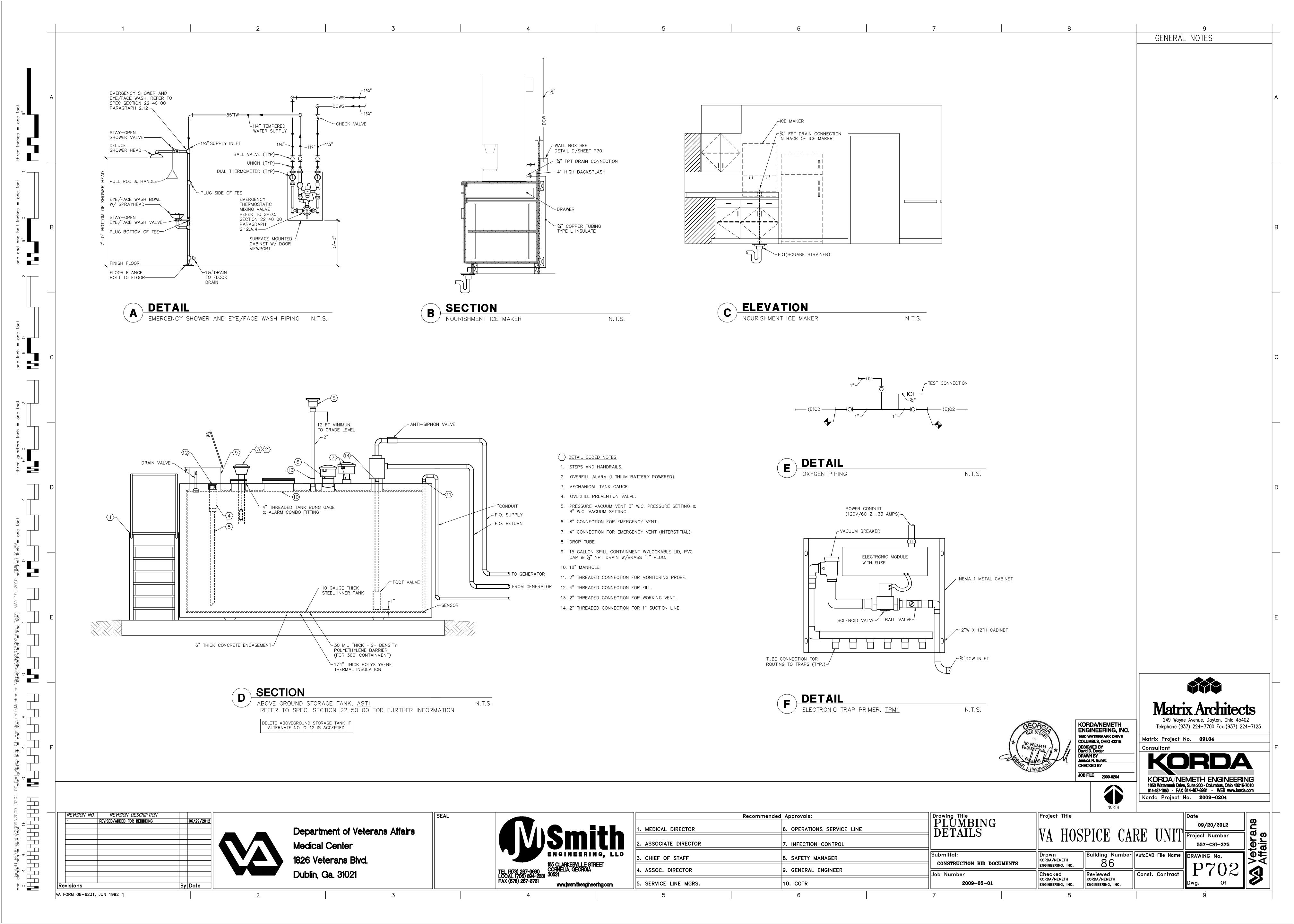
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	Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.	Const.	Contract	

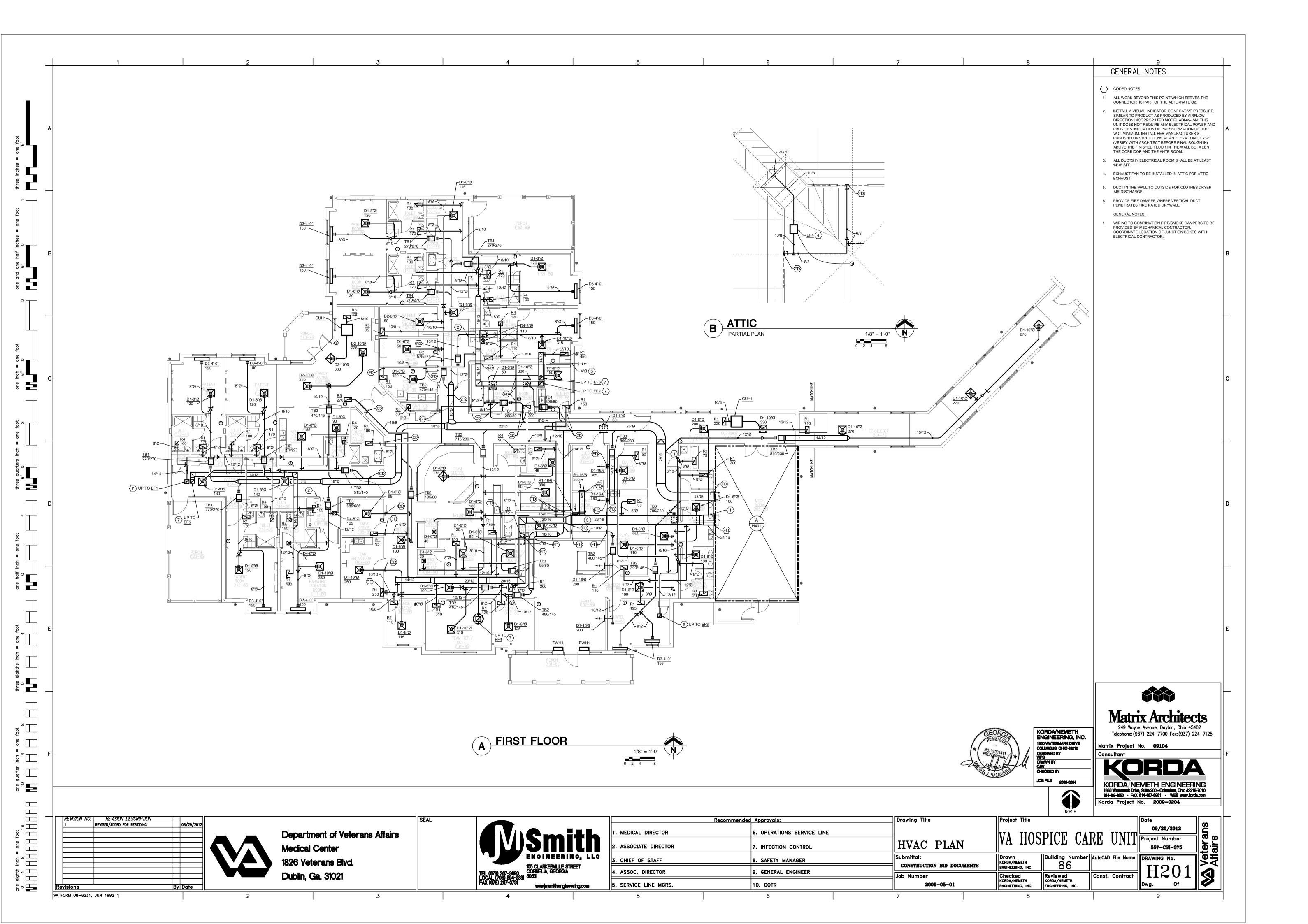
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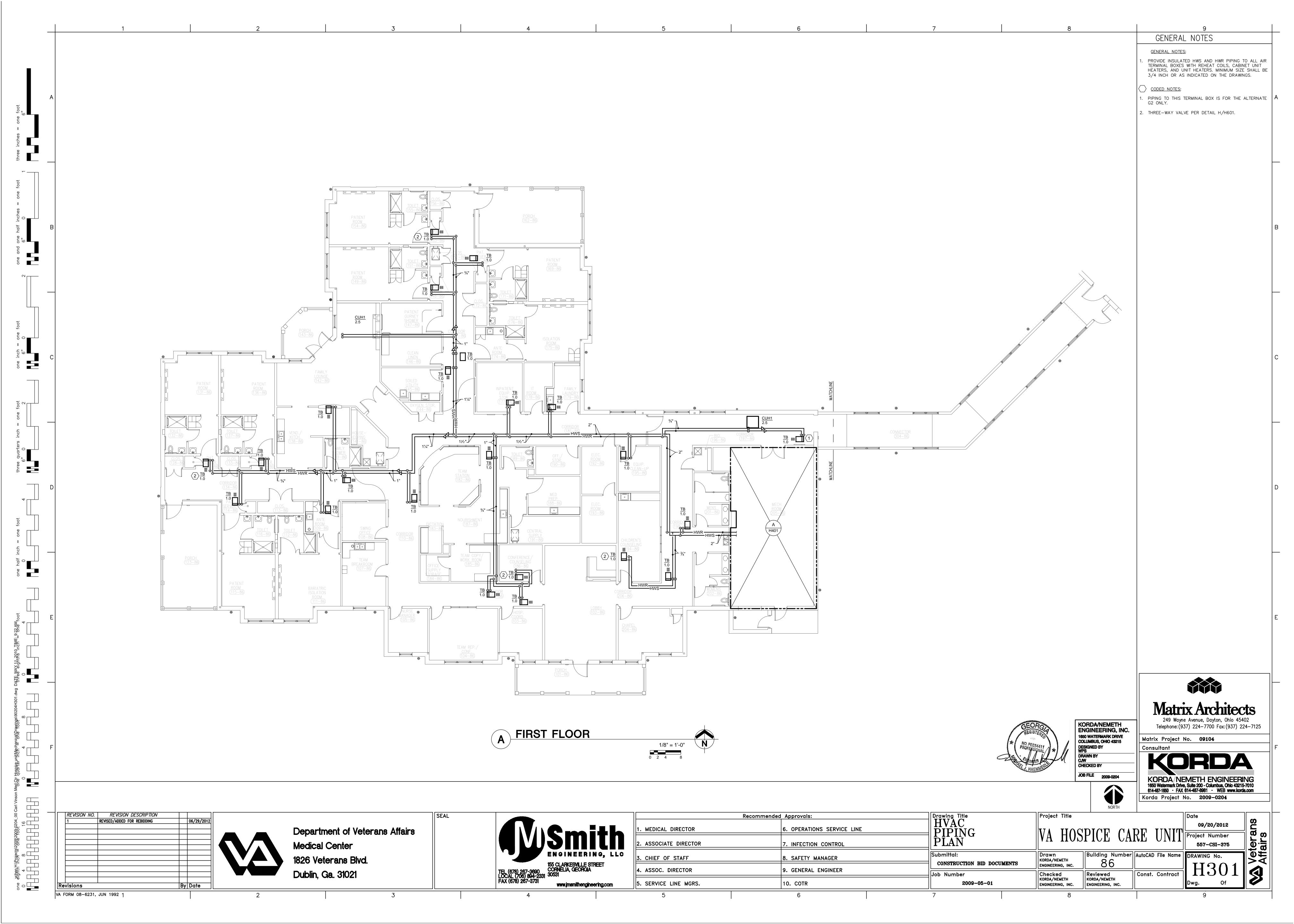


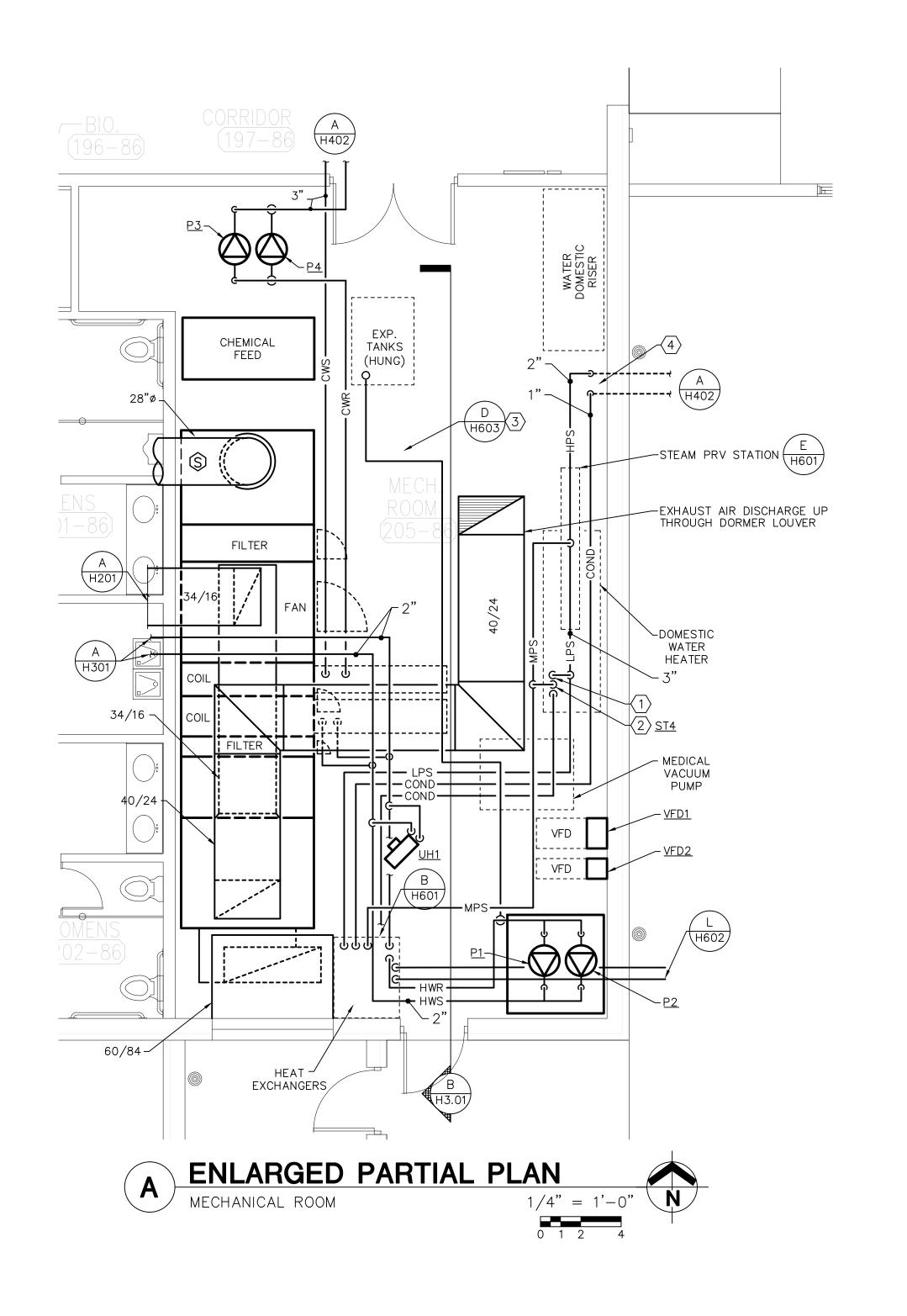


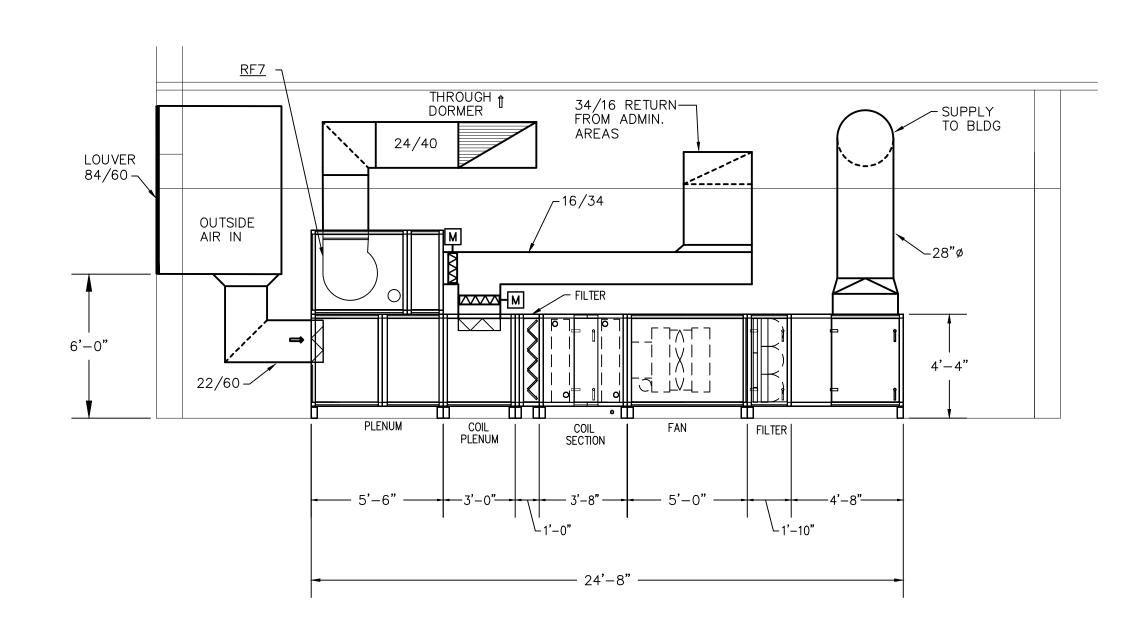












SECTION 1/4" = 1'-0" MECHANICAL ROOM

SEQUENCE OF OPERATIONS

- A. THE UNIT IS NORMALLY STARTED AND STOPPED REMOTELY AT THE ECC. H-O-A SWITCH SHALL BE KEPT IN THE "AUTO" POSITION. "HAND" AND "OFF" POSITIONS SHALL BE USED ONLY FOR MAINTENANCE. WHEN THE UNIT IS "OFF" THE OUTSIDE AIR SHALL BE FULLY CLOSED AND THE RETURN AIR DAMPER SHALL BE FULLY OPEN. WHEN THE UNIT IS "ON" THE OUTSIDE AIR DAMPER, RELIEF AIR DAMPER AND RETURN AIR DAMPER SHALL BE INTERLOCKED TO WORK TOGETHER. THE NORMAL OPERATION IS TO HAVE THE DAMPERS SET TO ALLOW THE MINIMUM OUTSIDE AIR AS REQUIRED BY THE AIR HANDLING UNIT SCHEDULE. THESE SETPOINTS SHALL BE SET WITH THE HELP OF A CERTIFIED AIR BALANCER. WHEN THE OUTSIDE AIR TEMPERATURE DROPS BELOW 65 DEGREES, THE THREE DAMPERS SHALL MODULATE TOGETHER TO ALLOW MORE OUTSIDE AIR IN FOR AN ECONOMIZER OPERATION. THE OUTSIDE AIR DAMPER SHALL NEVER BE MORE CLOSED THAN DURING THE NORMAL OPERATION.
- B. THE SUPPLY AIR TEMPERATURE AS SENSED BY THE DISCHARGE AIR SENSOR, SHALL BE MAINTAINED BY MODULATING THE THREE WAY VALVE SERVING CHILLED WATER COIL AND BY MODULATING THE HEATING COIL CONTROL VALVE. THE CONTROL SYSTEM SHALL NOT ALLOW SIMULTANEOUS HEATING AND COOLING.
- C. THE SUPPLY AIR FLOW SHALL BE CONTROLLED BY THE DIGITAL CONTROL PANEL MODULATING THE SUPPLY FAN VARIABLE SPEED MOTOR CONTROLLER TO MAINTAIN 0.8" OF DUCT STATIC PRESSURE (FIELD ADJUSTABLE), SENSED BY TWO STATIC PRESSURE SENSORS LOCATED APPROXIMATELY TWO THIRDS OF THE MAIN DUCTWORK RUN FROM THE AHU TO THE END OF THE HIGH PRESSURE MAIN. THE STATIC PRESSURE SETPOINT SHALL BE RESET BASED ON ACTUAL BUILDING LOAD BY POLLING AT TERMINAL BOX CONTROLLERS.
- D. WHEN SMOKE IS DETECTED BY A DUCT SMOKE DETECTOR, THE SUPPLY AND RETURN FANS SHALL SHUT "OFF" AND AN ALARM SIGNAL SHALL BE TRANSMITTED TO THE FIRE ALARM SYSTEM. ALL SMOKE DAMPERS IN THE SUPPLY AND RETURN DUCTS SHALL CLOSE. SMOKE DAMPERS IN THE EXHAUST DUCTWORK WILL REMAIN OPEN AND THE EXHAUST FAN SHALL CONTINUE TO RUN.
- E. UPON FAILURE OF A VARIABLE FREQUENCY DRIVE, THE SUPPLY AND RETURN FANS SHALL BE STARTED/STOPPED MANUALLY AT THE DIGITAL CONTROL PANEL THROUGH THE BY-PASS STARTER. FANS SHALL THEN BE OPERATED AT CONSTANT SPEED.
- F. IF THE STATIC PRESSURE DROP FROM ANY OF THE TWO FILTER STATUS IS GREATER THAN THE FINAL FILTER PRESSURE LOSS, 1.5" FOR FINAL FILTER AND 1.0" FOR THE PREFILTER, THEN AN ALARM SHALL BE SENT TO THE CENTRAL BAS SYSTEM.
- G. THE TWO STEAM CONVERTERS SHALL BE ENABLED AND DISABLED BY THE CENTRAL BAS SYSTEM. THE TWO CONTROL VALVES, 1/4 AND 34, SHALL BE MODULATED TO MAINTAIN A DISCHARGE WATER TEMPERATURE SETPOINT OF 180 DEGREES F. IF THE DISCHARGE WATER TEMPERATURE IS LESS THAN 150 DEGREES FOR MORE THAN 3 MINUTES (ADJUSTABLE), THEN THE STANDBY HEAT EXCHANGER SHALL BE ENABLED.

Revised per VA Comments 2/7/2012

GENERAL NOTES

. 1-1/2" LPS LINE DOWN TO DOMESTIC WATER HEATER. PROVIDE ISOLATION VALVE FOR EACH HEATER.

STEAM. PIPE CONDENSATE DISCHARGE TO CONDENSATE

APPROXIMATE LOCATION OF MAKE-UP WATER LINE.

4. PROVIDE PIT IN FLOOR AND ACCESS DOOR FOR STEAM AND CONDENSATE LINES WHERE THE TURN UP INTO THE ROOM OCCURS. INSTALL THERMODYNAMIC TYPE TRAP ON STEAM MAIN DRIP AND EXTEND 3/4"

CONDENSATE LINE TO CONDENSATE RECEIVÉR LOCATED

2. 3/4" MPS LINE DOWN TO PUMP TRAP AS MOTIVE

RECEIVER LOCATED UNDERNEATH THE HEAT

SEE PLUMBING DRAWINGS FOR CONTINUATION.

UNDERNEATH THE HEAT EXCHANGERS.

CODED NOTES:

EXCHANGERS.





CHECKED BY

Telephone: (937) 224-7700 Fax: (937) 224-7125 Matrix Project No. 09104

Consultant

KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com Korda Project No. 2009-0204

JOB FILE 2009-0204

REVISION NO. | REVISION DESCRIPTION 06/29/2012 REVISED/ADDED FOR REBIDDING By Date Revisions

VA FORM 08-6231, JUN 1992 1

one eighth inch = one foot

0 4 8 16

Department of Veterans Affairs Medical Center 1826 Veterans Blvd. **Dublin, Ga. 31021**

SEAL

3



4

	Reco	ommended Approvals:	Drawing Title
	. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	HVAC ENLARGI
2	. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	PLANS
3	. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal: CONSTRUCTION BID DOCUMENTS
4	ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5	. SERVICE LINE MGRS.	10. COTR	2009-05-01

6

ving Title Project Title VAC ENLARGED VA

KORDA/NEMETH

ENGINEERING, INC.

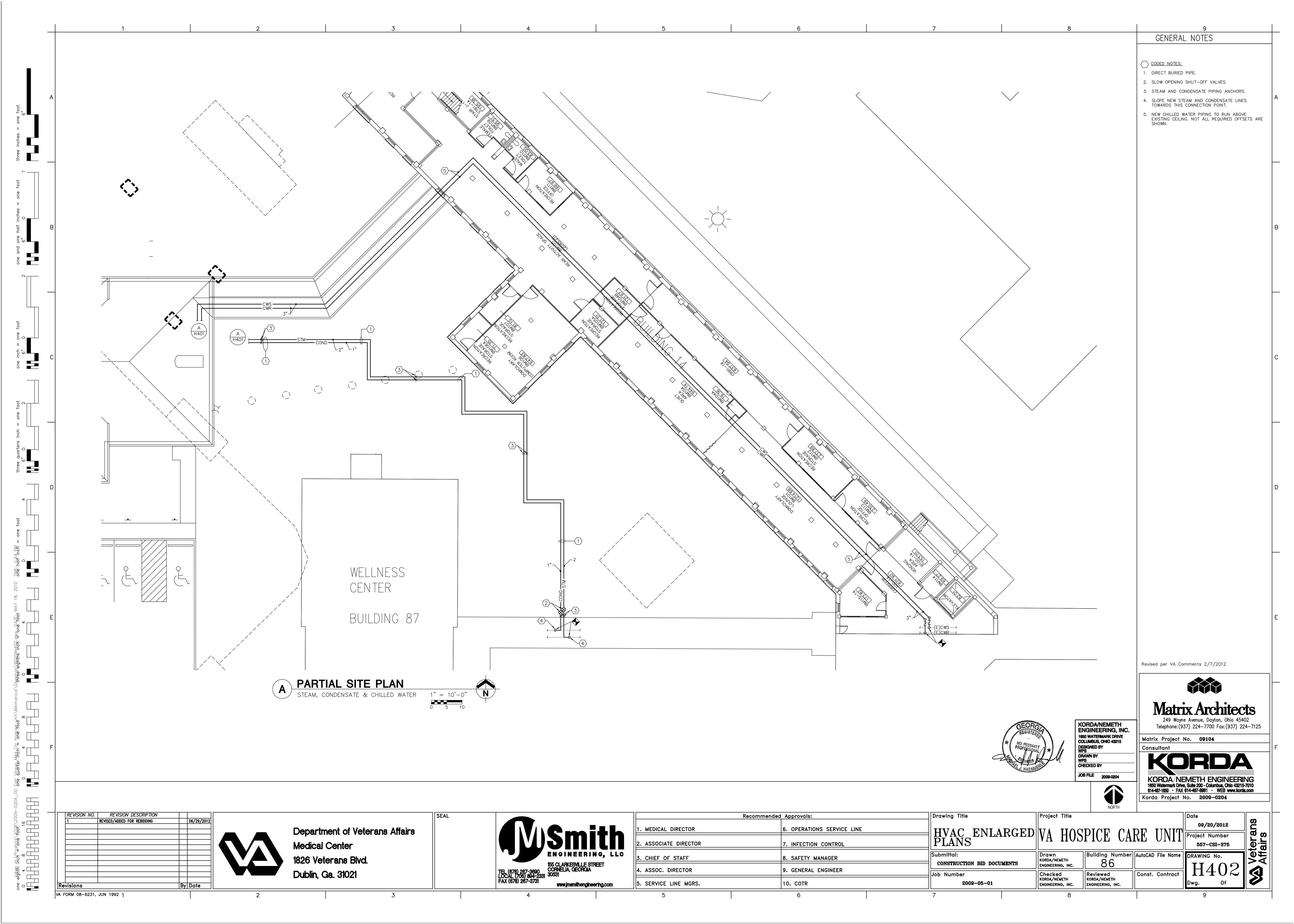
Building Number AutoCAD File Name DRAWING No. KORDA/NEMETH Const. Contract Reviewed Checked

KORDA/NEMETH

ENGINEERING, INC.

09/20/2012

557-CSI-375



DESIGN	INTE	RIOR	EXTE	RIOR
SCHEDULE	D.B.°F	W.B.°F	D.B.°F	W.B.°F
SUMMER	72	60	96	76
WINTER	72	_	23	_

														KEY (W				S) : F.C.		D CURVE		ULE -backward	INCLINED	,					($\frac{2}{3}$ PLEA $\frac{2}{3}$ AHU1	FILTER (ER (MERV TED MED I & CON RGENCY F	DIA FILT ITROLS	TERS. TO BE	
	UNI	T DATA			JPPLY FAN				TOR DATA						COOLING	COIL DA	TA								HEATING	COIL DA	ATA				FILTER	R DATA		DEMARKS
7	AG LOCATIO	N TYPE	MIN. O.A. CFM	CFM	EX. S.P. "W.G.	WHEEL TYPE	RPM	HP V	OLTS PHA	SE TOTA MBH	L SENSIBI MBH	_E GPM	E.W.T. °F	L.W.T. WA °F P.D.	TER AIR F FT. "W.(P.D. AREA G. FT. ²	D.B.	Г. °F W.B. [L.A.T. °F D.B. W.E	CO B. ROWS	PIL FPI	MBH GPI	M P.D. FI	AIR P.D. W.G.	AREA AI FT. ² E	R TEMP. .A.T. L.A	. °F WTR 1 A.T. E.W.T	TEMP. °F ∵L.W.T.	COIL ROWS	- FPI VE	FACE ELOCITY	TYPE	EFF.	REMARKS
	H1 MECH. R	OM VAV	6,125	9,775	1.5	PLENUM	_	20 2	208 3	497	335	97	45	55 16	.6 0.7	5 20.13	85.9	69.9	54.2 53.	7 6	14	237.7 15.	5 1.3	.15	19.25	43 65	5.5 180	150	1	6	503	2		DIRECT DRIVE SUPPLY FAN $\boxed{3}$ $\boxed{4}$

				ARE GIVEN ON	ISTER 8 I DRAWINGS. WH PROVIDE EXTRAC	ERE DIFFUSEF	RS ARE ON B			
TAG	LOCATION	FUNCTION	FACE TYPE	FRAME TYPE	LOUVER TYPE	MATERIAL	FINISH	DAMPER	N.C. MAX.	REMARKS
D1	SEE PLANS	SUPPLY	22" × 22" SQ. PLAQUE	LAY-IN	FIXED	STEEL	WHITE	-	25	NECK SIZE AS NOTED. PROVIDE EQUALIZING GRID.
D2	SEE PLANS	SUPPLY	22" x 22" SQ. PLAQUE	SURFACE	FIXED	STEEL	WHITE	_	25	NECK SIZE AS NOTED. PROVIDE EQUALIZING GRID. PROVIDE TRIM FRAME.
D3	SEE PLANS	SUPPLY	(2) 1" LINEAR SLOTS	SURFACE	FIXED	ALUMINUM	WHITE	-	25	NECK SIZE AS NOTED, 4'-0" LONG UNLESS NOTED OTHERWISE.
D4	SEE PLANS	SUPPLY	24" x 24" SQ. PLAQUE	LAY-IN	FIXED	STEEL	WHITE	-	25	NECK SIZE AS NOTED. PROVIDE EQUALIZING GRID.
R1	SEE PLANS	RETURN/ EXHAUST	24"X12"X3/4" SPACING	LAY-IN	FIXED	STEEL	WHITE	ı	25	DUCTWORK SIZE TO MAIN AS NOTED ON PLANS.
R2	SEE PLANS	RETURN/ EXHAUST	10"X10"X3/4" SPACING	LAY-IN	FIXED	STEEL	WHITE	-	25	DUCTWORK SIZE TO MAIN AS NOTED ON PLANS.
R3	SEE PLANS	RETURN/ EXHAUST	22"X10"X3/4" SPACING	SURFACE	FIXED	ALUMINUM	WHITE	-	25	DUCTWORK SIZE TO MAIN AS NOTED ON PLANS.
R4	SEE PLANS	RETURN/ EXHAUST	10"X10"X3/4" SPACING	SURFACE	FIXED	ALUMINUM	WHITE	-	25	DUCTWORK SIZE TO MAIN AS NOTED ON PLANS.

			FAN	UNIT WHEEL	DATA TOTAL			TVDE	TYPE		MOTO	R DATA	\	SOUND RATING	COMPO	ATED NENTS	REMARKS
TAG	LOCATION	FUNCTION	TYPE	TYPE	S.P. "W.G.	CFM	RPM	OF DRIVE	OF DAMPER	HP	RPM	VOLTS	PHASE	IN SONES	M.C.		
EF1	ATTIC	RR EXHAUST	INLINE	CENT	0.625	930	1356	BELT	GRAVITY	1/4	1750	120	1	9.2	A	(D)	$\langle 1 \rangle \langle 2 \rangle \langle 3 \rangle$
EF2	ATTIC	RR EXHAUST	INLINE	CENT	0.625	1175	1228	BELT	GRAVITY	1/3	1750	120	1	9.7	A	Θ	(1)(2)
EF3	ATTIC	RR EXHAUST	INLINE	CENT	0.50	525	1722	BELT	GRAVITY	1/6	1750	120	1	7.5	B	0	$\langle 1 \rangle \langle 2 \rangle$
EF4	ATTIC	ATTIC EXHAUST	INLINE	CENT	0.25	450	1300	DIRECT	GRAVITY	1/4	1750	120	1	4	B	0	1
EF5	ATTIC	ISOLATION EXHAUST	INLINE	CENT	0.75	745	1255	BELT	GRAVITY	1/3	1750	120	1	9.5	A	0	$\langle 1 \rangle \langle 2 \rangle$
EF6	ATTIC	ISOLATION EXHAUST	INLINE	CENT	0.75	680	1244	BELT	GRAVITY	1/4	1750	120	1	9.3	A	Θ	(1)(2)
EF7	MECHANICAL ROOM	AH EXHAUST	HOUSED	CENT	0.75	4100	-	BELT	MOTORIZED	7.5	1725	208	3	_	(A) (G)		INTERLOCK WITH AHU1
CODI	ED NOTES:																
<u>A</u> =	DISCONNECT SWITCH CONTROL PANEL WITH		<u>C</u>) = CONTRO	OL PANEL	(E) = LI	NE VOL	TAGE STA	ARTER (③ = VA	ARIABLE	FREQU	JENCY D Ver)RIVE J =	= PLUG-	IN UNI	T (L) = WALL SWITCH

FAN SCHEDULE

		К	EY: C.C(CLOSE (COUPLE			CHEDU		RIZONTA		_		TROLS TO BE ON EMERGENCY POWER.
		F.C.	-FLEXIBLE	COUPL	ED ENI	SUCTION	, N.P.T.–N.	ATIONAL PIPE	THREAD, FLG.	.–FLAN	GED, I.I	NIN L	INE	
T.A.O.	LOGATION	FUNCTION	T) (D.E.	0014	FT.	~	SUCTION	DISCHARGE	IMPELLER		MOT	OR DAT	Α	DEMARKS
TAG	LOCATION	FUNCTION	TYPE	GPM	HD.	EFF. %	SIZE	SIZE	DIAMETER	RPM	HP	VOLTS	PHASE	REMARKS
P1	MECH. ROOM	HEATING WATER	I.N.	40	35	55	2"	2"	5.875"	1750	1.5	208	3	STARTER/DISC. BY E.C.
P2	MECH. ROOM	HEATING WATER	I.N.	40	35	55	2"	2"	5.875"	1750	1.5	208	3	STARTER/DISC. BY E.C.
Р3	MECH. ROOM	CHILLED WATER	I.N.	95	65	65	3"	3"	-	1760	3	208	3	STARTER/DISC. BY E.C.
Р4	MECH. ROOM	CHILLED WATER	I.N.	95	65	65	3"	3"	_	1760	3	208	3	STARTER/DISC. BY E.C.

					НС	OT W	ATER	UNIT	HEA	TER S	SCHE	DULE			
	UNIT DATA	\			AIR [DATA		WATER	R DATA			MOTOF	R DATA		
TAG	LOCATION	TYPE	MBH	CFM	E.A.T. °F	L.A.T. °F	E.W.T. ℉	L.W.T. °F	GPM	P.D. FT HD	HP	RPM	VOLTS	PHASE	REMARKS
CUH1	SEE PLANS	ABOVE CEILING	34.3	330/265	60	156	180	153	2.5	0.56	1/15	1050/875	120	1	DISCONNECT BY M.C.; HIGH CAP. COIL; RECESS UNIT INTO WALL AS MUCH AS POSSIBLE
UH1	SEE PLANS	HORIZ.	10.2	395	60	84	180	153	0.77	0.01	16W	1550	120	1	DISCONNECT BY E.C. PROVIDE THERMOSTAT WITH UNIT

TANK VOLUME GALLONS

MECH ROOM EF7 EXHAUST AH EXHAUST FAN 1.5 208

	MINAL BOX NUMBER M/ MIN. CFM HEATIN	NG & COOL	ING	TERMI	NAL E	BOX S	CHE	OULE	(2) (3)	ALL 2 ROV PROVIDE 1	PROVIDED W/TB BY TB MANUFACTURER V COILS 20V TO 24VA TRANSFORMER TO BE ON EMERGENCY POWER
	UNIT DATA		BOX	CFM	MAX NC	OUTLET		HEATIN	NG COIL		DELLARVO
TAG	LOCATION	TYPE	INLET SIZE	RANGE	LEVEL	W X H	E.W.T. °F	L.W.T. °F	E.A.T. °F	L.A.T. °F	REMARKS
TB1	SEE PLANS	DIGITAL CONTROL	6"ø	0-300	25	12"X8"	200	170	55	100	(1) (2) (3) (4)
TB2	SEE PLANS	DIGITAL CONTROL	8"ø	301-600	25	12"X10"	200	170	55	100	(1) (2) (3) (4)
TB3	SEE PLANS	DIGITAL CONTROI	10"ø	601-950	25	14"X12.5"	200	170	55	100	(1) (2) (3) (4)

					/1 7	RULL	ER SCHEDULE
				М	OTOR D)ATA	
		■ CONTROLLER LIMIT ■	DESCRIPTION				REMARKS
TAG	LOCATION	CONTROLLED UNIT	DESCINI HON	HP	VOLTS	PHASE	. LEWI WITE

EXPANSION TANK SCHEDULE DIAPHRAGM TYPE

ACCEPTANCE MIN. MAX.
VOLUME OPERATING OPERATING
GALLONS PRESS. PSIG PRESS. PSIG

AIR PRECHARGE PSIG

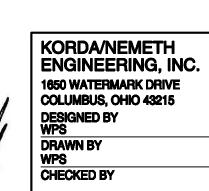
REMARKS

E.C. = ELECTRICAL CONTRACTOR M.C. = MECHANICAL CONTRACTOR



2009-05-01

1 FAN TO BE ON EMERGENCY POWER.





Revised per VA Comments 2/7/2012

JOB FILE 2009-0204

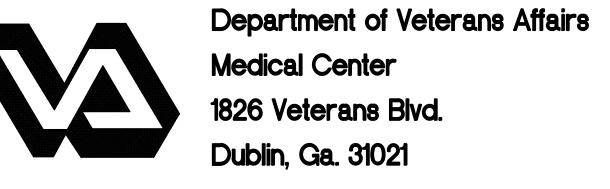
Matrix Project No. **09104** KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010
614-487-1650 - FAX 614-487-8981 - WEB www.korda.com Korda Project No. 2009-0204

ON
06/29/201
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By Date

Revisions

VA FORM 08-6231, JUN 1992 1





		Drawing Title		
	1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	HVAC	
	2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	SCHEDUI	
	3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:	
	4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number	
1				

	Project	Title				
JLES	VA	HOS	PICE	CA]	RE	UNI
BID DOCUMENTS	Drawn KORDA/NE ENGINEERII		Building 8	Number 6	AutoCAD	File Na

09/20/2012 Project Number 557-CSI-375 DRAWING No.

www.jmsmithengineering.com 3 4

SEAL

5. SERVICE LINE MGRS.

10. COTR 6

Checked KORDA/NEMETH ENGINEERING, INC.

Const. Contract Reviewed KORDA/NEMETH ENGINEERING, INC.

PLATE & FRAME HEAT EXCHANGERS REMARKS MECH. ROOM 0.38 .0005 250 586 PRESSURE REDUCING VALVE SCHEDULE MECHANICAL ROC 100 FULL PORT SAFETY RELIEF VALVE SCHEDULE REMARKS 1250 STEAM TRAP SCHEDULE 50 PSIG MOTIVE STEAM ELECTRIC WALL HEATER SCHEDULE DEEP LOCATION 5/14" 14-3/8" 120 SEE PLANS UNIT MOUNTED TSTAT PRESSURE POWERED PUMP SCHEDULE REMARKS

WPS CHECKED BY JOB FILE 2009-0204

Matrix Architects 249 Wayne Avenue, Dayton, Ohio 45402 Telephone: (937) 224-7700 Fax: (937) 224-7125

GENERAL NOTES

	Matrix Project No. 09104
	Consultant
	KORDA KORDA/NEMETH ENGINEERING
	1650 Watermark Drive, Sullie 200 - Columbus, Ohio 43215-7010 614-467-1650 - FAX 614-487-8981 - WEB www.korda.com
- 1	Korda Project No. 2009-0204

	SEAL		Recommended	l Approvals:
Affairs			1. MEDICAL DIRECTOR	6. OPERATIONS SI
		■ WSmith	2. ASSOCIATE DIRECTOR	7. INFECTION CON
		ENGINEERING, LLC		

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	HVAC
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	SCHEDULES
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5. SERVICE LINE MGRS.	10. COTR	2009-05-01

VA HOSPICE CARE UNIT Building Numbe BID DOCUMENTS

09/20/2012

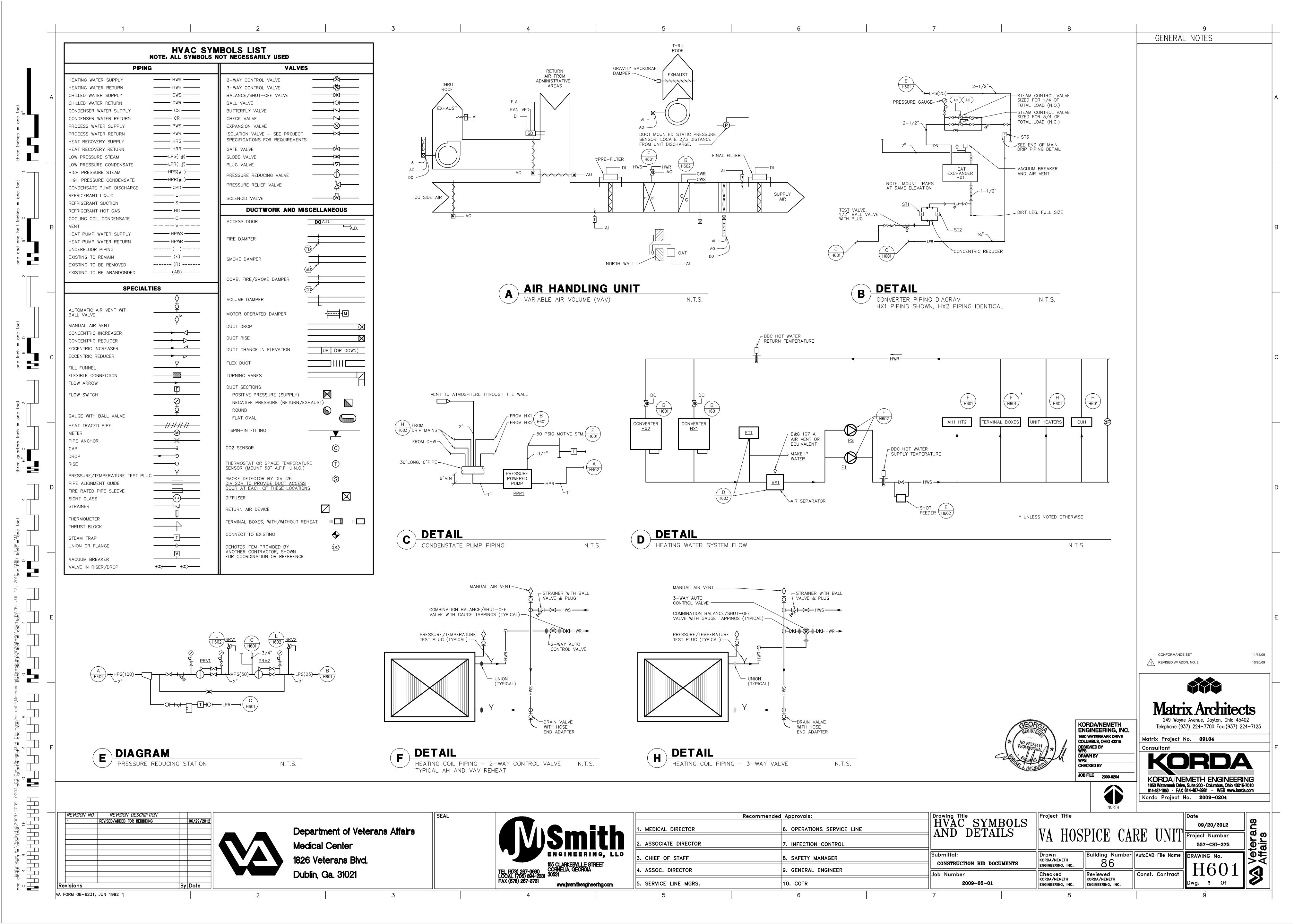
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REVISION NO.	REVISION DESCRIPTION		
1	REVISED/ADDED FOR REBIDDING		06/29/2012
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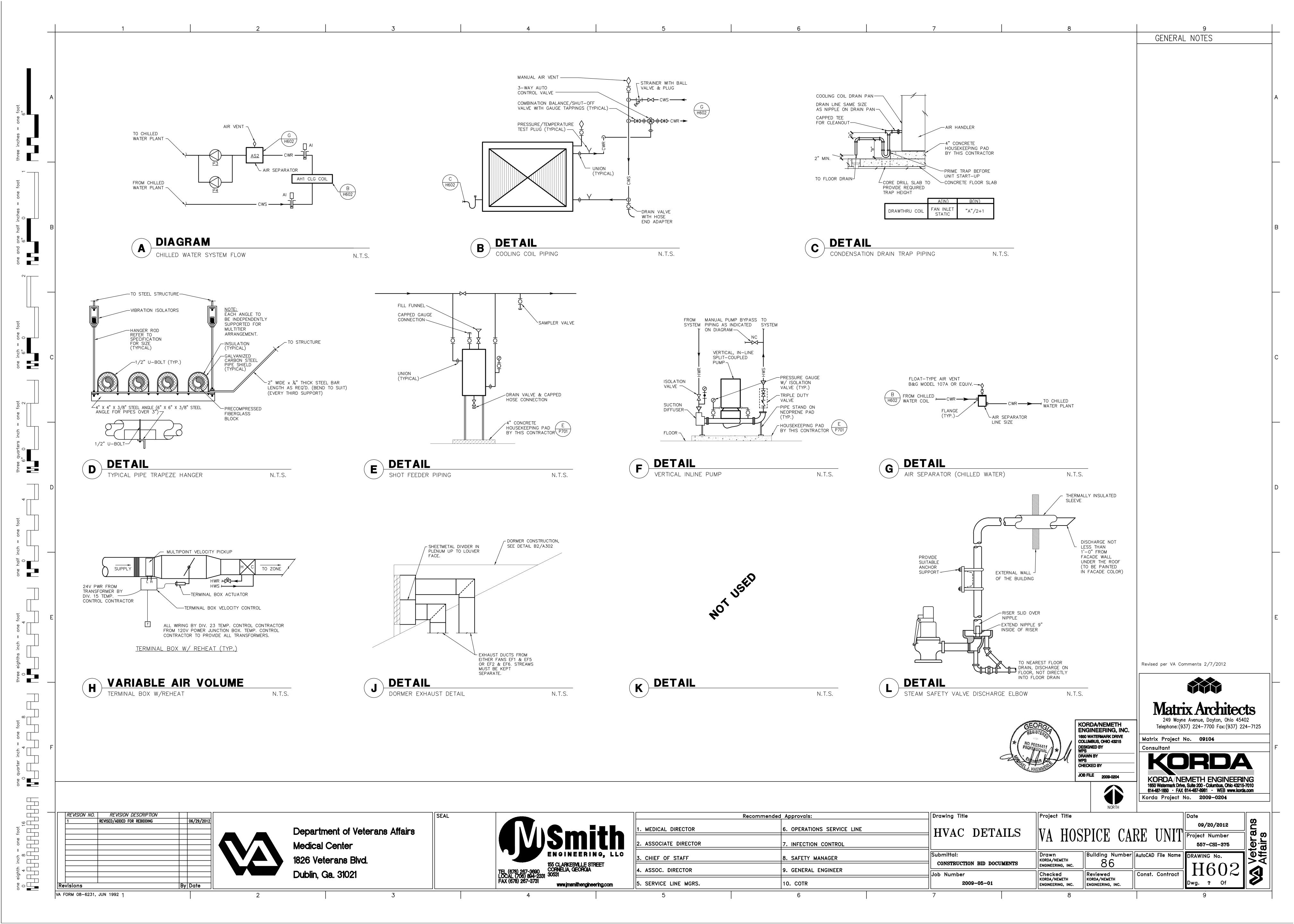
Department of Veterans Af **Medical Center** 1826 Veterans Blvd. Dublin, Ga. 31021

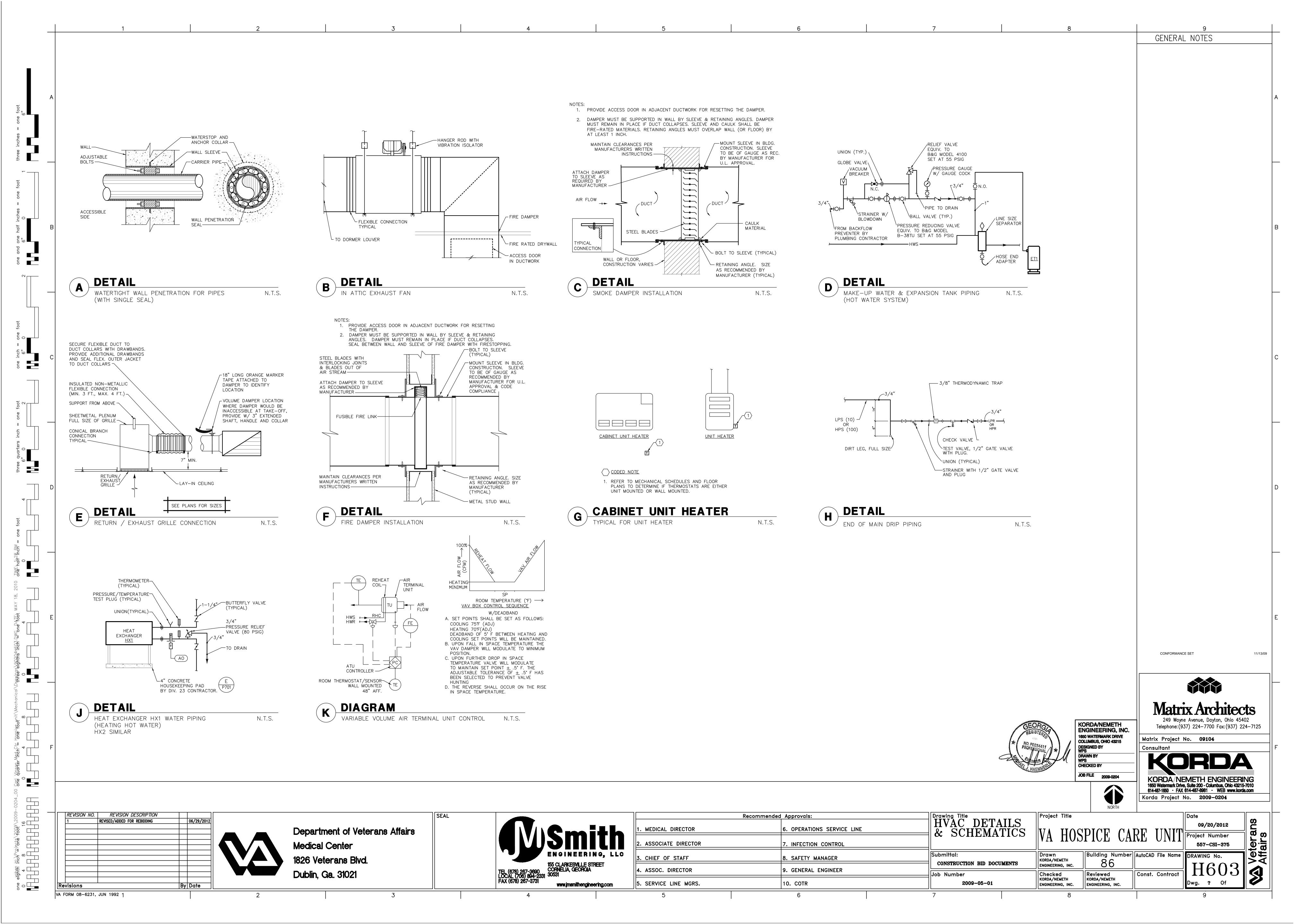
Reviewed KORDA/NEMETH ENGINEERING, INC.

Const. Contract

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m \scriptscriptstyle Dwg.}$







SYMBOLS LIST FOR PLANS 1. SOME SYMBOLS MAY NOT BE USED. 2. MOUNTING HEIGHTS ARE TO TOP U.N.O. MOUNTING HEIGHT UNLESS DESCRIPTION NOTED OTHERWISE FLUORESCENT LIGHTING FIXTURE: TYPE "R1"; SEE O R1 LIGHTING FIXTURE SCHEDULE; WIRED TO SWITCH "a". 7 aggreep aggreepFIXTURE SCHEDULE; QUANTITY OF HEADS AS SHOWN R2 W2 W2 CEILING OR WALL MOUNTED LIGHTING FIXTURE TYPE SEE DRAWINGS ○ ;○ 7R2", "W2"; SEE LIGHTING FIXTURE SCHEDULE CEILING RECESSED WALL WASH LIGHTING FIXTURE EXIT SIGN FIXTURE (WITH DIRECTIONAL ARROWS AS SHOWN) (TYPE AND MOUNTING AS NOTED; SEE

X1 X1 LIGHTING FIXTURE SCHEDULE) SHADED AREA DENOTES LIGHTING FIXTURE ON EMERGENCY POWER; ----"NL" DENOTES NIGHT LIGHT O ; O LIGHTING FIXTURE ON CRITICAL POWER ----B1 SITE LIGHTING FIXTURE (TYPE AND MOUNTING AS NOTED; ---SEE LIGHTING FIXTURE SCHEDULE) S a SINGLE POLE SWITCH; a = SWITCH "a" S 3; T; D SPECIAL SWITCH: 3-WAY; TIMER SWITCH; DOOR SWITCH So OCCUPANCY SENSOR; WALL MOUNTED LINE VOLTAGE 48" S 2/0 OCCUPANCY SENSOR; WALL MOUNTED LINE VOLTAGE, 48" DOUBLE POLE. CT OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY ----20" DUPLEX RECEPTACLE ON CRITICAL POWER; QUADRUPLEX (DOUBLE DUPLEX) RECEPTACLE DUPLEX RECEPTACLE 20" QUADRUPLEX (DOUBLE DUPLEX) RECEPTACLE 20" Ш WP DUPLEX RECEPTACLE, WEATHERPROOF AND GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER 48" € 6-30R SPECIAL PURPOSE RECEPTACLE (TYPE AS NOTED SEE DRAWINGS OR IN SPECIFICATIONS) DUPLEX RECEPTACLE, FLOOR MOUNTED GANGED FLOOR MOUNTED DUPLEX RECEPTACLE AND (J); (J) F JUNCTION BOX, CEILING OR WALL MOUNTED; FLOOR MOUNTED SEE DRAWINGS (M) MOTOR (BY DIVISION 1-23) ----60" MAGNETIC MOTOR STARTER (STARTER SIZE NO. OF POLES —AS NOTED) "3R" DENOTES NEMA "3R" ENCLOSURE SM MANUAL MOTOR STARTER SAFETY SWITCH (SWITCH SIZE, FUSE SIZE, NO. OF POLES 60"

-AS NOTED) "3R" DENOTES NEMA "3R" ENCLOSURE, 3R, NF "NF" DENOTES NONFUSED COMBINATION MOTOR STARTER (STARTER SIZE, FUSE SIZE, 60" NO. OF POLES -AS NOTED) "3R" DENOTES NEMA "3R" CONTROL DEVICE AS NOTED:(C =CONTACTOR) SEE DRAWINGS CONTROL PANEL SEE DRAWINGS DIMMER 48" VARIABLE FREQUENCY DRIVE SEE DRAWINGS 60" VOICE/DATA TERMINAL BOARD P1 PANELBOARD: SURFACE MOUNTED, FLUSH MOUNTED PANEL DESIGNATION AS SHOWN 72" DISTRIBUTION PANELBOARD ───O CONDUIT, RISER UP ----────────────────────── CONDUIT, RISER DOWN ----CONDUIT ROUTED UNDER FLOORSPACE OR UNDERGROUND ----FLEXIBLE METAL CONDUIT OR LIQUID-TIGHT FLEXIBLE METAL CONDUIT ----JUNCTION BOX FOR HANDICAP DOOR OPENER PUSHBUTTON 48"

SYMBOLS LIST FOR WIRING DIAGRAMS AND DETAILS 1. SOME SYMBOLS MAY NOT BE USED. DESCRIPTION) 100/3 CIRCUIT BREAKER (SIZE AS NOTED) SPACE FOR DEVICE (SIZE AS NOTED) GROUND FAULT SENSOR/OPERATOR UTILITY METER ELECTRONIC METERING UNIT PANELBOARD GROUNDING ELECTRODE AND CONDUCTOR (CONDUCTOR SIZE AS NOTED) COMBINATION MOTOR STARTER (STARTER SIZE, FUSE SIZE, SIZE, NO. OF POLES AS NOTED) "3P" DENOTES NEMA "3P" NO. OF POLES -AS NOTED) "3R" DENOTES NEMA "3R" ENCLOSURE, "NF"=NONFUSED MAGNETIC MOTOR STARTER (STARTER SIZE, FUSE SIZE, NO. OF POLES -AS NOTED) "3R" DENOTES NEMA "3R" ENCLOSURE, "NF"=NONFUSED SAFETY SWITCH (SWITCH SIZE, FUSE SIZE, NO. OF POLES AS NOTED) NE NOMELOED WEATHERPROOF CONTROL PANEL (BY OTHERS) VARIABLE FREQUENCY DRIVE MOTOR EMERGENCY GENERATOR AUTOMATIC TRANSFER SWITCH EQUIPMENT (AS NOTED) MV PRIMARY SWITCH

ELECTRICAL ABBREVIATIONS ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW. REFER TO CSI DOCUMENT TD-2-4 DATED NOVEMBER 1986 FOR ANY ABBREVIATIONS LISTED ON THE DRAWINGS BUT ARE NOT LISTED BELOW. AIR CONDITIONER AFF ABOVE FINISH FLOOR ABOVE FINISH GRADE AFG AIR HANDLER UNIT AHU BREAKER CONDUIT CATV CABLE ANTENNA TELEVISION CCTV CLOSED CIRCUIT TELEVISION CUH CABINET UNIT HEATER CKT CIRCUIT CPT CONTROL POWER TRANSFORMER CPU CENTRAL PROCESSING UNIT COPPER DISTR DISTRIBUTION EXHAUST FAN ELECTRICAL EMERGENCY ELECTRICAL METALLIC TUBING ELECTRIC WATER COOLER EXPLOSION PROOF TYPE DEVICE FUSE FIRE ALARM ANNUNCIATOR FAA FAP FIRE ALARM PANEL FAN COIL UNIT FIRE DAMPER FIXT LIGHT FIXTURE FLUORESCENT FLUOR FLR FLOOR FUSIBLE SWITCH GROUND GALVANIZED RIGID CONDUIT GROUND FAULT INTERRUPTING PROTECTION HIGH INTENSITY DISCHARGE HVAC HEATING, VENTILATION, AIR CONDITIONING HORSEPOWER JUNCTION BOX KITCHEN EQUIPMENT CONTRACTOR KEC KILOVOLT KVA KILOVOLT AMPERE ΚW KILOWATTS LIGHTING CONTACTOR LOW VOLTAGE MOTOR CONTROL CENTER MCC MECH MECHANICAL MSB MAIN SWITCHBOARD MCC MOTOR CONTROL CENTER MTD MOUNTED INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR UNLESS OTHERWISE NOTED. NOT IN CONTRACT NIGHTLIGHT NTS NOT TO SCALE OC OR O/C ON CENTER OVERHEAD POLE (PHASE) POLYVINYL CHLORIDE PNEUMATIC/ELECTRIC PANEL ø OR P PHASE RETURN AIR FAN ROOFTOP UNIT TEMPERATURE CONTROL PANEL TRANSFORMER TELEVISION TYPICAL UNDERGROUND UNIT HEATER UNLESS NOTED OTHERWISE VARIABLE AIR VOLUME VARIABLE FREQUENCY DRIVE VERIFY IN FIELD VOLUME CONTROL WEATHERPROOF TYPE DEVICE MEANS DETAIL A, DRAWING SHEET "E701"

INFORMATION TECHNOLOGY

SYMBOLS LIST NOTES:

1. STRAIGHT LINES BETWEEN DEVICES INDICATE SWITCHED CIRCUIT.

2. STRAIGHT LINES BETWEEN DEVICES ON LIGHTING PLANS INDICATE SWITCHED CIRCUIT. ALL LIGHTING FIXTURES IN A ROOM OR CORRIDOR SHALL BE CONTROLLED VIA SWITCHES AND/OR OCCUPANCY SENSORS SHOWN UNLESS NOTED OTHERWISE.

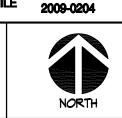


KORDA/NEMETH ENGINEERING, INC. 1650 WATERMARK DRIVE COLUMBUS, OHIO 43215 JOB FILE 2009-0204

249 Wayne Avenue, Dayton, Ohio 45402 Telephone:(937) 224-7700 Fax:(937) 224-7125 Matrix Project No. 09104

GENERAL NOTES

Consultant KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com





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Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. **Dublin, Ga. 31021**



	Recommended Approvals:	Drawing Title
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	ELECTRICAL SYMBOLS AND
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	LEGEND
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal: CONSTRUCTION BID DOCUMENTS
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
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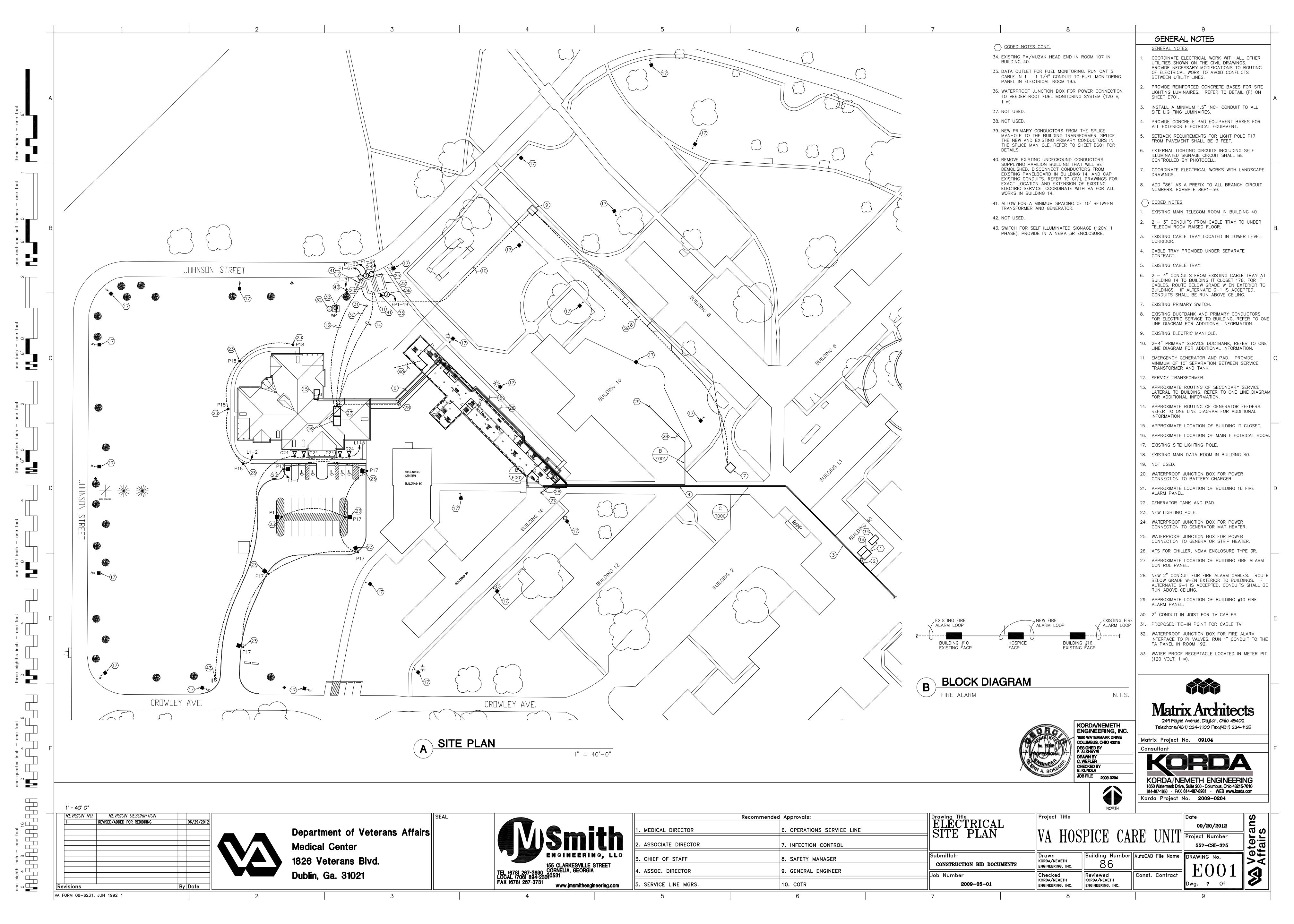
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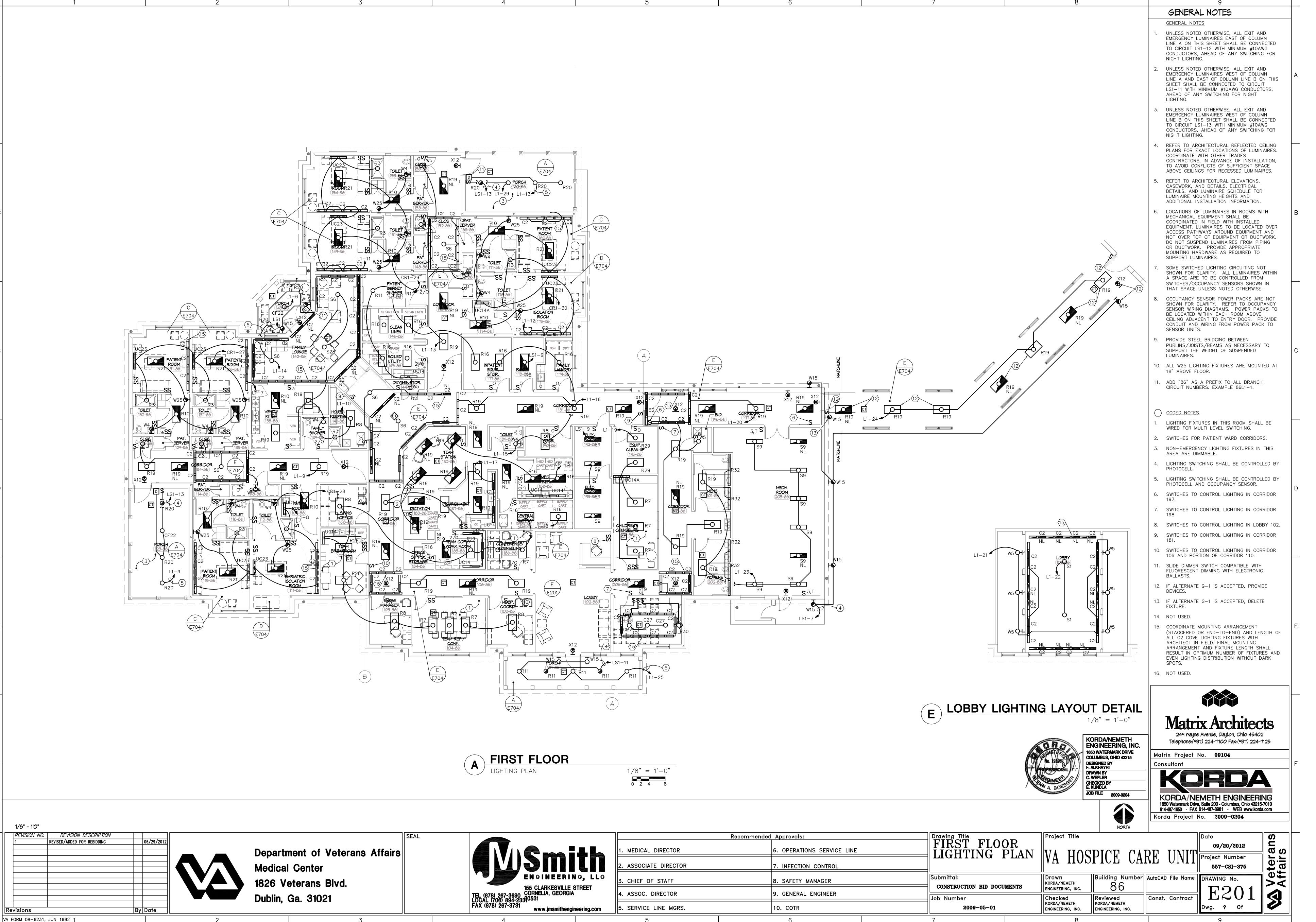
09/20/2012

Project Number

Number 10. COTR 2009-05-01 5. SERVICE LINE MGRS.

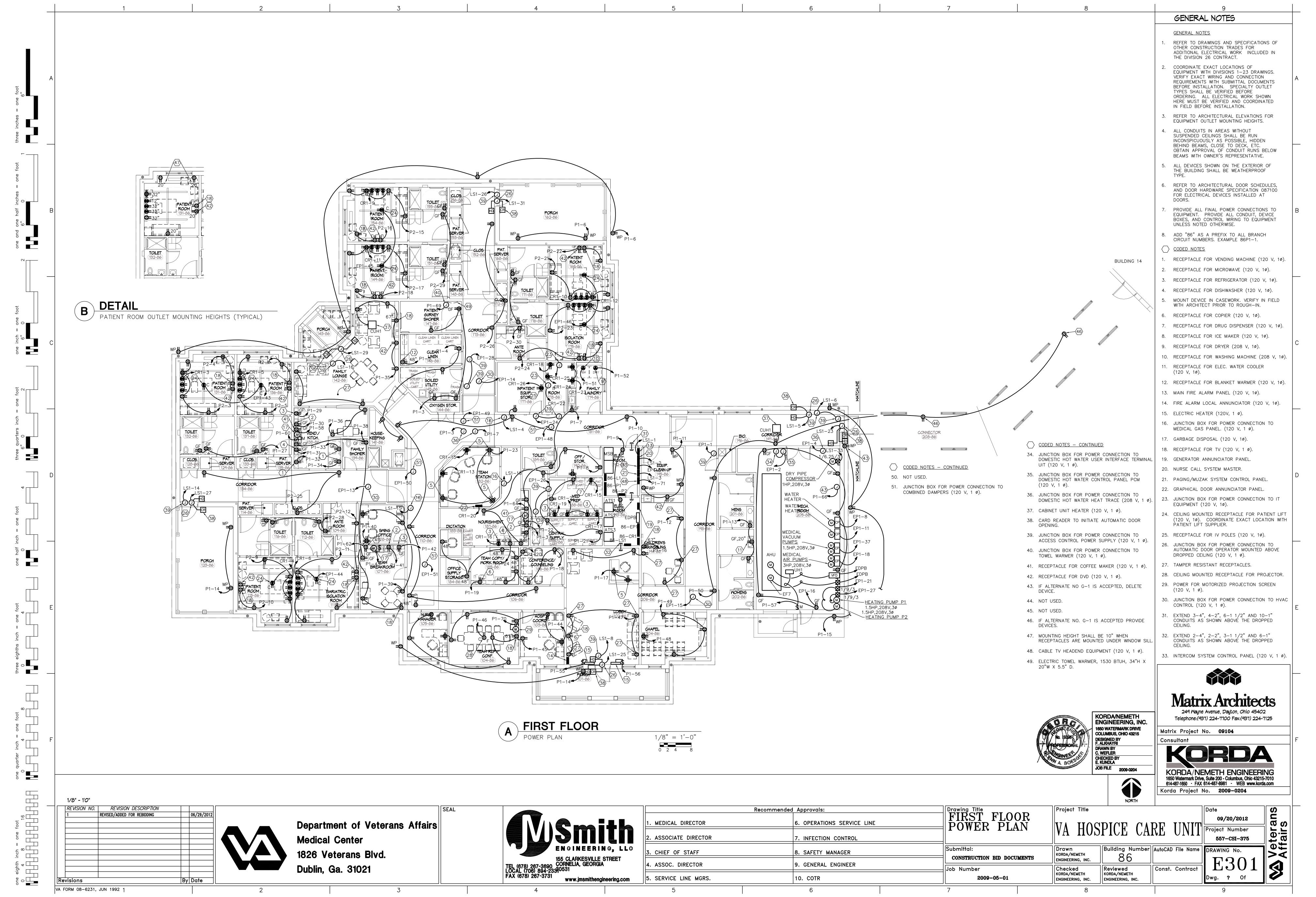
Const. Contract ||Reviewed Checked KORDA/NEMETH KORDA/NEMETH ENGINEERING, INC. ENGINEERING, INC.

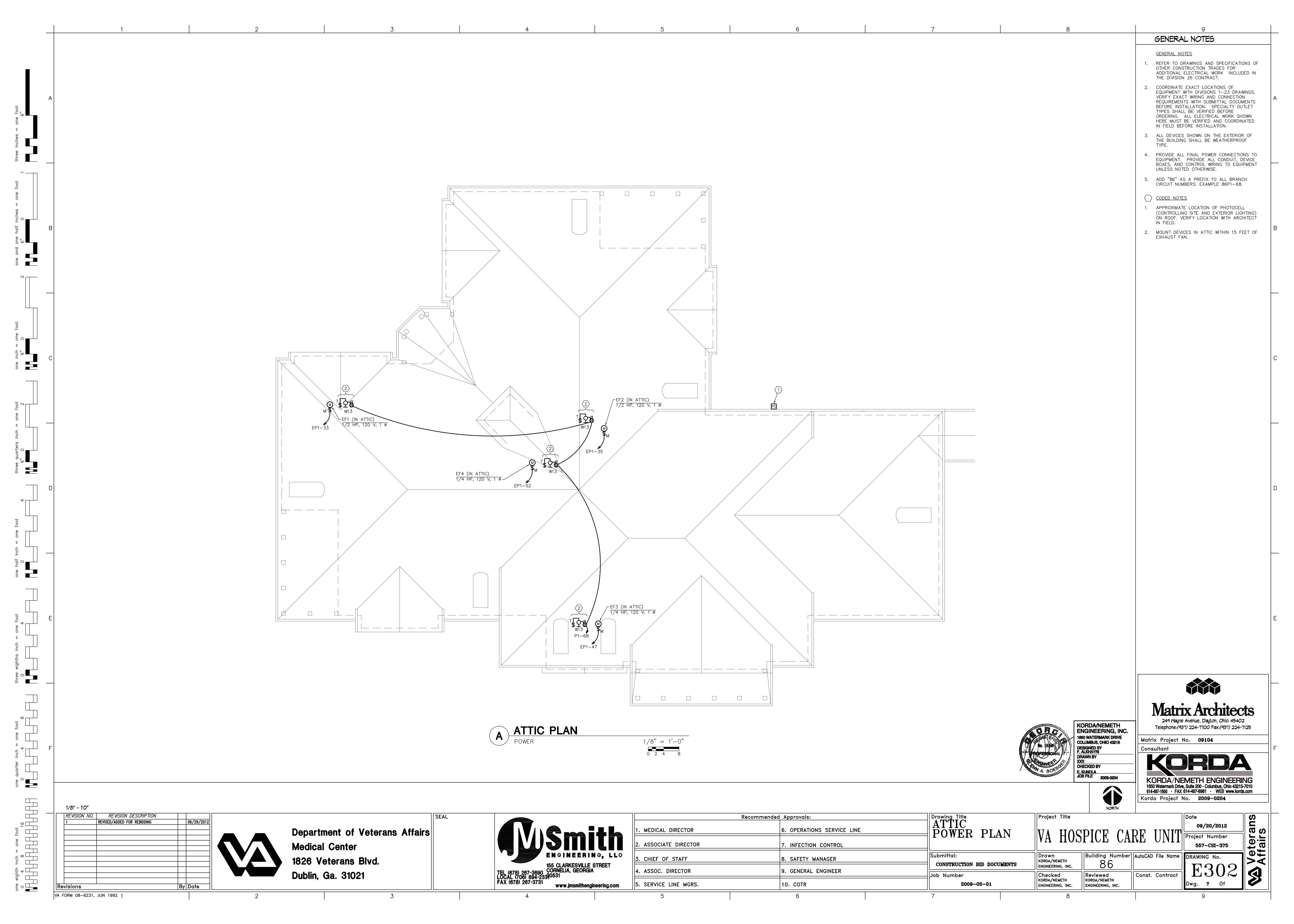




one eighth inch = one foot

0 4 8 16





LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO

BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

			·	
FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	РНОТО
	42" WIDTH, 37" HEIGHT, SUSPENDED LIGHTING FIXTURE,	120	9W MEDIUM	Ψ
	ANTIQUE NICKEL, ETCHED OPAL GLASS, 18 BULBS, 120" CHAIN AND		BASE,	
	144" LEADWIRE, WEIGHT 41 LBS. COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD.		SELF-BALLASTED A SHAPE	- A
	WITH ARCHITECT IN FIELD.		COMPACT FLUO.	
C2	2.9" WIDTH, 2" HEIGHT, CUSTOM LENGTH, 1 LAMP FLUORESCENT	120	F032/25W/835	
	COVE LIGHTING FIXTURE, ACRYLIC LENSE, WHITE EXTRUDED	125	, ,	
	ALUMINUM BODY, REMOTE MOUNT BALLAST IN STEEL ENCLOSURE, STEEL END CAPS, UL LISTED.			
	STEEL END ON S, SE LISTED.			4
R3	6" DIA, 7" DEEP, 1 LAMP, CEILING RECESSED	120	CF26DD/835	
	FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK	"="	·	
	IRIDESCENCE—FREE REFLECTOR, BAR HANGERS, PREWIRED HOUSING, DAMP LOCATION UL LISTING.			
	PROVIDE WHITE TRIM RINGS.			
W4	22" WIDTH, 8.5" HEIGHT, 3 LAMPS, WALL MOUNTED FIXTURE,	120	20W MEDIUM	
	ETCHED OPAL GLASS, ANTIQUE NICKEL.		BASE	
	COORDINATE MOUNTING HEIGHT WITH ARCHITECT IN FIELD.		SELF-BALLASTED	
			A SHAPE COMPACT FLUO.	
W5	6 7/8" DEPTH, 24" LENGTH, 2 LAMP, WALL MOUNTED FLUORESCENT	120	F017/735	
	WRAP FIXTURE WITH .125" ACRYLIC PRISMATIC LENS, WHITE	120		
	BAKED ENAMEL STEEL HOUSING, LENS SUPPORTED BY			
	END PLATES, DAMP LOCATION LISTING. MOUNT AT 8' - 4" A.F.F.			
	16.25" WIDTH, 11.75" HEIGHT, 3 LAMPS, SUSPENDED LIGHTING	100	20/4 4455000	
	FIXTURE, ANTIQUE NICKEL, ETCHED OPAL GLASS.	120	20W MEDIUM BASE	
	COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD		SELF-BALLASTED	
			A SHAPE	
			COMPACT FLUO.	The state of the s
	0' V 4' 7 AND OFFICE DESCRIPTION		E030 /05W /035	
	2' X 4', 3 LAMP, CEILING RECESSED INDIRECT FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL	120	F032/25W/835	
	SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER.			
	PROVIDE WITH 2 BALLASTS FOR MULTILEVEL SWITCHING			
			F070 (05:::: 1==	
	2'x 4' 4 LAMP CEILING RECESSED FLUORESCENT STATIC	120	F032/25W/835	
	GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS,			
	MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING			
	LOADED CAM LATCHES, GRID CLIPS.			
			F070 (25:::: 1	
	14" x 7" x 50", 2 LAMP, SUSPENDED FLUORESCENT INDUSTRIAL FIXTURE WITH WHITE BAKED ENAMEL STEEL	120	F032/25W/835	4
	HOUSING AND REFLECTOR, 20% UPLIGHT SLOTS, TURRET			
	TYPE LAMP HOLDERS. SUSPEND TO 8' A.F.F. PROVIDE			
	WITH WIRE GUARDS.			
			F070 /05::: /==	
	2' X 4', 2 LAMP, CEILING RECESSED INDIRECT FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL	120	F032/25W/835	
	SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER.			
	6" DIA, 7" DEEP, 2 LAMP, CEILING RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK	120	CF26DD/835	
	IRIDESCENCE—FREE REFLECTOR, BAR HANGERS,			
	PREWIRED HOUSING, DAMP LOCATION UL LISTING.			
	PROVIDE WHITE TRIM RINGS.			
			M. /=12.====	
	13" WIDTH x 10" HEIGHT, UNIVERSAL CANOPY MOUNT, SINGLE FACE LED EXIT SIGN, BRUSHED ALUMINUM	120	W/FIXTURE	
	HOUSING, CLEAR BACKROUND ACRYLIC PANEL, RED LETTERS,			FVIT
	DIRECTIONAL ARROWS, SWITCH AND LED.			
	4" DIA, 5" HIGH, 1 LAMP, WALL MOUNTED INCANDESENT JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS	120	150W	
	4" DIA, 5" HIGH, 1 LAMP, WALL MOUNTED INCANDESENT JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING,	120	150W MEDIUM BASE	
	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS	120	MEDIUM	
	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING,	120	MEDIUM BASE	
	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING		MEDIUM BASE G-LAMP	
UC14	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER	120	MEDIUM BASE	
UC14	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING		MEDIUM BASE G-LAMP	
UC14	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS,		MEDIUM BASE G-LAMP	
UC14	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS,		MEDIUM BASE G-LAMP	
UC14 JC14A	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH		MEDIUM BASE G-LAMP	
UC14 JC14A W15	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH 18.5" TALL, 6.5" WIDE, 9.5" EXTENSION, 1 LAMP		MEDIUM BASE G-LAMP INTEGRAL LED 20W MEDIUM	
UC14 UC14A W15	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH	120	MEDIUM BASE G-LAMP INTEGRAL LED 20W MEDIUM BASE	
UC14 UC14A W15	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH 18.5" TALL, 6.5" WIDE, 9.5" EXTENSION, 1 LAMP INCANDESCENT LANTERN SHAPED WALL SCONCE,	120	MEDIUM BASE G-LAMP INTEGRAL LED 20W MEDIUM	
UC14 UC14A W15	JAR SHAPED LIGHT, PRISMATIC TEMPERED GLASS REFRACTOR, BRONZE POLYCARBONATE HOUSING, TAMPERPROOF SCREWS, UL LISTING 4.5" WIDTH X 1" TALL X 30" LENGTH, UNDERCOUNTER LED LIGHT, ALUMINUM HOUSING, PRISMATIC GLASS LENS, UL LISTED COLOR SELECTED BY ARCHITECT SAME AS UC14 EXCEPT 22" LENGTH 18.5" TALL, 6.5" WIDE, 9.5" EXTENSION, 1 LAMP INCANDESCENT LANTERN SHAPED WALL SCONCE, WITH GLASS PANELS, ALUMINUM HOUSING	120	MEDIUM BASE G-LAMP INTEGRAL LED 20W MEDIUM BASE SELF-BALLASTED	

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO

FIXTURE NUMBER		FIXTURE VOLTAGE		РНОТО
R16	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT STATIC GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING LOADED CAM LATCHES, GRID CLIPS.	120	F032/25W/835	
P17	30", 200W POLE MOUNTED, COMPACT FLUORESCENT LAMP AREA LIGHT, PRISMATIC ACRYLIC REFLECTOR AND REFRACTOR, TYPE III DISTRIBUTION, WITH RIBS, BAND AND MEDALLIONS, DOOR FRAME, 14' HIGH 5" ROUND ALUMINUM POLE WITH BOLT COVERS. WET LOCATION, UL LISTING.	208	CF200 MATCH EXISTING MAXLITE HIGHMAX SERIES	
P18	30", 100W POLE MOUNTED COMPACT FLUORESCENT LAMP AREA LIGHT, PRISMATIC ACRYLIC REFLECTOR AND REFRACTOR, TYPE III DISTRIBUTION, WITH RIBS, BAND AND MEDALLIONS, DOOR FRAME, 10' HIGH 5" ROUND ALUMINUM POLE WITH BOLT COVERS. WET LOCATION, UL LISTING. LANTERAN AND POLE TO MATCH EXISTING	208	CF100 MATCH EXISTING MAXLITE HIGHMAX SERIES	
R19	2' X 4', 3 LAMP, CEILING RECESSED FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, MATTE SATIN WHITE FINISH, ACRYLIC DIFFUSER	120	F032/25W/835	
	6" DIA, 7" DEEP, 2 LAMP, CEILING RECESSED FLUORESCENT DOWNLIGHT WITH CLEAR SPECULAR ALZAK IRIDESCENCE—FREE REFLECTOR, BAR HANGERS, PREWIRED HOUSING, DAMP LOCATION UL LISTING. PROVIDE WHITE TRIM RINGS.PROVIDE DIMMABLE BALLAST	120	CF26DD/835	
R21	2' X 4', 2 T8 LAMP AMBIENT AND 2 T5 LAMP EXAM, CEILING RECESSED FLUORESCENT FIXTURE, POWDER COATED SHEET STEEL CONSTRUCTION, STEEL SIDE REFLECTORS, ACRYLIC DIFFUSER MATTE SATIN WHITE ANTI-MICROBIAL FINISH.	120	F032/25W/835 FP54/735	
CF22	CEILING FAN, COVERED PORCH, 52" DIAMETER, 5 BLADE UL LISTED FOR OUTDOOR LOCATIONS WEATHERED BRICK FINISH, THREE POSITION, INSTALLERS CHOICE MOUNTING SYSTEM.	120	_	
UC23	2.9" WIDTH, 2" HEIGHT, 4'LENGTH, 1 LAMP FLUORSCENT LIGHTING FIXTURE, MOUNTED WITH PATIENT HEADWALL, ACRYLIC LENSE, WHITE EXTRUDED ALUMINUM BODY, REMOTE MOUNT BALLAST IN STEEL ENCLOSURE, STEEL END CAPS, UL LISTED	120	F032/25W/835	
G24	8" X 6" X10.5" WIDE, LED GROUND MOUNTED FLOOD LIGHTING FIXTURE, ALUMINUM HOUSING, SPECULAR ALZAK ALUMINUM REFLECTOR, ALUMINUM SWIVEL BASE, STAINLESS STEEL FASTNERS, THICK CLEAR TEMPERED GLASS LENS, COMPLETE WITH LED DRIVER, WET LOCATION UL LISTED. COLOR AND FINISH SELECTED BY ARCHITECT	120	INTEGRAL LED	
W25	5" HEIGHT x 3" WIDTH LED NIGHT LIGHT, RECESSED IN WALL DIE CAST ALUMINUM HOUSING, SCOOP FACEPLATE, 6 LED MINIMUM UL LISTED. MOUNT AT 18" ABOVE THE FLOOR. COLOR AND FINISH BY ARCHITECT.	120	INTEGRAL WHITE LED	4 8
R26	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT STATIC GRID TROFFER WITH 4.5" DEEP WHITE BAKED ENAMEL STEEL HOUSING, MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER REGRESSED ALUMINUM DOOR FRAME, SPRING LOADED CAM LATCHES, GRID CLIPS. PROVIDE WITH 2 BALLASTS FOR MULTI-LEVEL SWITCHING	120	FO32/25W/835	
C27	18 7/8" x 18 7/8" x 3 3/4" HEIGHT, 2 LAMP, CEILING MOUNTED COMPACT FLUORESCENT FIXTURE, CURVED FROSTED GLASS, FOUR DECORATIVE SATIN NICKEL CLASPS	120	CF18DD/830	
S28	26" WIDTH, 24" HEIGHT, 5 LAMPS, SUSPENDED LIGHTING FIXTURE, ANTIQUE NICKEL, ETCHED OPAL GLASS, 60" CHAIN AND 72" LEAD WIRE, 14 LBS. COORDINATE SUSPENSION HEIGHT WITH ARCHITECT IN FIELD.	120	20W MEDIUM BASE SELF-BALLASTED A SHAPE COMPACT FLUO.	
R29	2'x 4' 3 LAMP CEILING RECESSED FLUORESCENT CLEANROOM GRID TROFFER WITH 5" DEEP WHITE BAKED ENAMEL STEEL HOUSING,MINIMUM .125" PRISMATIC ACRYLIC LENS, MITERED CORNER ALUMINUM DOOR FRAME, SEALED LATCHES, GRID CLIPS. UL LISTED FOR WET LOCATIONS.	120	F032/25W/835	
R30	6" DIA, 8" DEEP, 1 LAMP, CEILING RECESSED. FLUORESCENT WALL WASHER WITH CLEAR SPECULAR ALZAK LOW IRIDESCENT REFLECTOR, WHITE TRIM, PREWIRED HOUSING. BAR HANGERS.	120	CF26DD/835	
C31	10" DIA, 5" DEEP, 2 LAMP, CEILING MOUNTED COMPACT FLUORESCENT LIGHTING FIXTURE, DIE CAST ALUMINUM HOUSING WEATHERPROOF SILICONE GASKET, IMPACT RESISTANT POLYCARBONATE LENS, STAINLESS STEEL HARDWARE, WET LOCAITON, UL LISTED.	120	CF26DD/835	

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

	BE TROVIDED WITH MOETI-LEVEL CONTROL (FROVIDE WITH	DOAL DA	LLASTS).	
FIXTURE NUMBER	FIXILIRE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	РНОТО









Matrix Project No. 09104

NORTH

Consultant
KORDA
KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com
Korda Project No. 2009-0204

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Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. **Dublin, Ga. 31021**



Recommended	l Approvals:
. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
6. CHIEF OF STAFF	8. SAFETY MANAGER
. ASSOC. DIRECTOR	9. GENERAL ENGINEER
S. SERVICE LINE MGRS.	10. COTR

- 1	LUMINAIRE SCHEDULE	VA	HOS	PICE	CA	RE	UN	TIV
	Submittal:	Drawn KORDA /NI		Building	Number	AutoCAD	File	Name

uilding Number	AutoCAD File Name	DR/
86		1
eviewed RDA/NEMETH	Const. Contract	Dw
GINEERING, INC.		

VA FORM 08-6231, JUN 1992 1

| KORDA/NEMETH | ENGINEERING, INC. CONSTRUCTION BID DOCUMENTS Checked KORDA/NEMETH ENGINEERING, INC.

Job Number

2009-05-01

Project Title

VOLTAGE: 208 / 120 LOCATION: ELEC ROOM-193 PHASE: 3 MOUNTING: SURFACE WIRE: 4 MAIN TYPE: NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM. PROVIDE PANEL WITH FEED THRU CIRCUIT BREAKER DESCRIPTION SIZE/TYPE NUMBER SIZE/TYPE DESCRIPTION RECEPTACLE-126 RECEPTACLE-131 RECEPTACLE-115 RECEPTACLE-136 RECEPTACLE-111 SPARE SPARE RECEPTACLE-154 RECEPTACLE-169 RECEPTACLE-174 RECEPTACLE-149 RECEPTACLE-182 RECEPTACLE-182 PYXIS-188 REFRIGERATOR-187 REFERIGERATER-188 RECEPTACLE-178 REFERIGERATER-188 GRAPHICAL DOOR PANEL-182 12 IT-178 RECEPTACLE-188 23 ||* 24 RECEPTACLE-178 RECEPTACLE-178 RECEPTACLE-177 IT-178 LTG.-126,127,131,132,136,137 20/1 27 |*| 28 20/1 LTG.-104,111,112,115,116,119,121 1 12 LTG.-149,151,154,155,158,159 20/1 29 ||* 30 | 20/1 LTG.-165,166,169,171,174,175,176 12 LTG.-182,183,188 31 *|| 32 20/1 33 |*| 34 20/1 SPARE SPARE 20/1 | 35 ||* 36 | 20/1 SPARE SPARE 20/1 | 37 *|| 38 | 20/1 SPARE SPARE 39 |*| 40 SPACE SPACE 41 ||* 42 SPACE CONNECTED LOAD SUMMARY: LIGHTING: 5.4 KVA RECEPTACLES & MISC.: 17.5 KVA 52.9 PHASE A 0.0 KVA 66.0 PHASE B MOTOR: **HEATING:** 0.0 KVA 71.3 PHASE C TOTAL: 22.8 KVA VOLTAGE: 208 / 120 LOCATION: ELEC ROOM-193 PHASE: 3 MOUNTING: SURFACE WIRE: 4 NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM. PROVIDE PANEL WITH FEED THRU

BREAKER CIRCUIT BREAKER SIZE/TYPE NUMBER SIZE/TYPE

10 | EXIT & EMG LTG-WEST B | 20/1 | 13 *|| 14 | 20/1 | ACCESS CONTROL - 123 | 10 |

12 | MEDICAL GAS PANEL - 181 | 20/1 | 15 |*| 16 | 20/1 | ACCESS CONTROL - 143 | 12 |

20/1 | 19 *|| 20 | 20/1

20/1 | 21 |*| 22 | 20/1

35 ||* 36

39 |*| 40

TOTAL: 18.2 KVA

4.3 KVA

7.6 KVA

6.3 KVA

0.0 KVA

20/1 | 41 ||* 42

20/1 9 |*| 10 20/1

PAGING SYSTEM—192 20/1 3 |*| 4 20/1 MEDICAL GAS PANEL—181 12 AUT. DOOR OPERATOR—197 20/1 5 ||* 6 20/1 ACCESS CONTROL — 197 12 LIGHTING—MAIN CANOPY, EXT. 20/1 7 *|| 8 20/1 ACCESS CONTROL — 102 12

BRANCH CIRCUIT

DESCRIPTION

SPARE

SPARE

SPARE

SPACE

SPACE

SPACE

SPACE

SPACE

PANEL AMP SUMMARY:

ACCESS CONTROL - 162 10

53.3 PHASE A

39.2 PHASE B

59.2 PHASE C

11 ||* 12 | 20/1 | EXIT & EMG LIGHT - EAST A | 10 |

20/1 | 17 ||* 18 | 20/1 | MEDICAL GAS PANEL-187 | 12 |

BRANCH CIRCUIT

DESCRIPTION

LTG.-178,192,193

SPARE

SPARE

SPARE

CONNECTED LOAD SUMMARY:

EXIT & EMG LTG.-BETWEEN AB 20/1

AUT. DOOR OPERATOR-162 20/1

12 DRY PIPE COMPRESSOR - 205 20/3 33 |*| 34

12 AUT. DOOR OPERATOR-197 20/1 23 ||* 24 20/1

AUT. DOOR OPERATOR-102 | 20/1 | 25 *|| 26 | 20/1

AUT. DOOR OPERATOR-123 | 20/1 | 27 |*| 28 | 20/1

AUT. DOOR OPERATOR-143 20/1 29 ||* 30 20/1

RECEPTACLES & MISC.:

20/1

LIGHTING:

MOTOR:

HEATING:

OCAT	ION:	86-EP1 ELEC ROOM-193			PHASE:			
INDON		SURFACE			WIRE:	•		
LEGE	TYPE:	MAIN CIRCUIT BREAKER			NOTES:	225 AMPS COORDINATE LUG SIZE WITH V	WIDE	
LEGEI	ND:				NOTES:	SIZE ON 1 LINE DIAGRAM.	VIKE	
						SIZE ON I LINE DIAGRAM.		
						PROVIDE PANEL WITH FEED TH LUGS.	HRU	
		_	CIRCUIT		CIRCUIT		i	_
GND	WIRE	BRANCH CIRCUIT	BREAKER	CIRCUIT	BREAKER	BRANCH CIRCUIT	WIRE	GI
SIZE	SIZE	DESCRIPTION	SIZE/TYPE	NUMBER	SIZE/TYPE		SIZE	SI
12	12	ACCESS CONTROL - 196	20/1	1 * 2	20/1	HEAT TRACE PANEL - 205	12	1
10	10	HEAT TRACE - 181	30/2	3 * 4	30/2	HEAT TRACE -205	10	1
_	10	_		5 * 6 	–	-	10	-
10	10	HEAT TRACE - 181	30/2	7 * 8	20/1	WATER HEATER - 205	12	1
-	10		- 00./1	9 * 10	20/1	SPARE		
12 12	12 12	WATER HEATER - 205	20/1 20/1	11 * 12	20/1 20/1	SPARE	۱.,	۱ ,
12	12	HVAC CONTROL-134 HVAC CONTROL-206	20/1 20/1	13 * 14 15 * 16	20/1	HVAC CONTROL-173 RECEPTACLE-205	12 12	1: 1:
12				17 * 18	•		12	1.
12	12 12	INTERCOM CONTROL PNL192	20/1 20/1	17 * 18 19 * 20	20/3	MED. AIR COMPRESSOR-205		'
12		FUEL TANK-EXTERNAL HEATING PUMP P1 - 205	20/1	21 * 22	_	-	12 12	
12	12 12	HEATING PUMP PT - 205	20/3	21 * 22	- 00 /1	- 400500 00NTD01 484		١,
	I	_	_		20/1	ACCESS CONTROL - 181 ACCESS CONTROL -188.191	12	1:
12	12		_ 20.77	25 * 26 27 * 28	20/1 20/1		12 12	1 1
12	12	HEATING PUMP P2 - 205	20/3	27 * 20	20/1	ACCESS CONTROL - 173	12	1:
	12	_	_	•••	•	SPARE		
10	12		- 20./1	31 * 32	20/1	SPARE		
12	12	EXTRACT FAN EF1 - ATTIC	20/1 20/1	33 * 34 35 * 36	20/1 20/1	SPARE		
12	12	EXTRACT FAN EF2 - ATTIC	· ·	•••	20/1	SPARE		
12	l	MEDICAL VACUUM PUMPS-205	20/3	37 *∥ 38		SPACE		
	12	_	_	39 * 40 41 * 42		SPACE		
	12					SPACE		
		ECTED LOAD SUMMARY:	LIGHTING:		KVA	PANEL AMP SUMMARY:	D	
•	L TOT				KVA		PHASE	
INCL	UDE E		MOTOR: HEATING:		KVA KVA	104.2	PHASE	
	TUBS)	1	TOTAL:		KVA	56.7	LUASE	
			TOTAL:	30.3	IV V A			_

BREAKER CIRCUIT

20/1 | 15 |*| 16

20/1 | 17 ||* 18

20/1 21 |*| 22

20/1 | 23 ||* 24

20/1 | 25 *|| 26

20/1 | 27 |*| 28

20/1 | 33 |*| 34

20/1 | 35 ||* 36

20/1 | 37 *|| 38

20/1 41 ||* 42

MOTOR: 6.0 KVA

TOTAL: 63.4 KVA

RECEPTACLES & MISC.: 52.0 KVA

HEATING:

29 ||* 30

31 *|| 32

0.3 KVA

5.1 KVA

20/1 19 *|| 20

RECEPTACLE-102,194

RECEPTACLE-185,186

DISPOSAL-187

ICE MAKER-187

RECEPTACLE-122

MICROWAVE-138

VENDING MACHINE-138

VENDING MACHINE-138

RECEPTACLE-138,141,142

RECEPTACLE-107,139

RECEPTACLE-107,108

REFRIGERATOR-107

186.2 PHASE A

195.5 PHASE B

146.6 PHASE C

20/1 RECEPTACLE-183,184-186

20/1 REC.-109,112,115,116,119,121

PANEL ID: 86-P1

LOCATION: ELEC ROOM-192 MOUNTING: SURFACE

MAIN TYPE: MAIN CIRCUIT BREAKER

BRANCH CIRCUIT

DESCRIPTION

RECEPTACLE-106,110,181

RECEPTACLE-195,194 RECEPTACLE-198,201,202

RECEPTACLE-102

RECEPTACLE-185

RECEPTACLE-188,190,191

RECEPTACLE-182

RECEPTACLE-122

REFRIGERATOR-138

DISH WASHER-138

VENDING MACHINE-138

RECEPTACLE-142

MICROWAVE - 187

MICROWAVE-107

10 | 10 | RECEPTACLE-207, EXTERNAL

12 | 12 | REC-126,127,131,132,136,137

CONNECTED LOAD SUMMARY:

(ALL TOTALS

INCLUDE BOTH

RECEPTACLE-145,147

BLANKET WARMER-146 20/1 5 ||* 6 | RECEPTACLE-187,189,179 20/1 7 *|| 8

RECEPTACLE-107,108 20/1 39 |*| 40

SIZE ON 1 LINE DIAGRAM. PROVIDE PANEL WITH FEED THRU LUGS. CIRCUIT BREAKER BRANCH CIRCUIT WIRE GND SIZE/TYPE DESCRIPTION SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE	SPACE SPACE SPACE SPACE SPACE SPACE SPACE SPACE
WIRE: 4 MAIN SIZE: 225 AMPS NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM. PROVIDE PANEL WITH FEED THRU LUGS. CIRCUIT BREAKER BRANCH CIRCUIT BREAKER SIZE/TYPE DESCRIPTION WIRE: 4 MAIN TYPE: MAIN CIRCUIT BREAKER MAIN CIRCUIT MAIN SIZE: 225 MAIN CIRCUIT MAIN CIRCUIT MAIN SIZE: 4 MAIN CIRCUIT BREAKER MAIN SIZE: 4 MAIN CIRCUIT BREAKER MAIN SIZE: 4 MAIN CIRCUIT BREAKER MAIN SIZE: 225 LEGEND: CIRCUIT MAIN TYPE: MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN CIRCUIT MAIN CIRCUIT MAIN SIZE: 225 MAIN SIZE: 4 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 225 MAIN CIRCUIT BREAKER MAIN SIZE: 225 MAIN SIZE: 2	
NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM. PROVIDE PANEL WITH FEED THRU LUGS. CIRCUIT BREAKER BRANCH CIRCUIT SIZE SIZE SIZE SIZE SIZE LEGEND: NOTES: COO SIZE PRO LUGS CIRCUIT GND WIRE SIZE BRANCH CIRCUIT BREAKER SIZE SIZE DESCRIPTION SIZE/TYPE NUMBER SIZE/TYPE NUMBER SIZE/TYPE	5 AMPS
BREAKER BRANCH CIRCUIT WIRE GND GND WIRE BRANCH CIRCUIT BREAKER CIRCUIT BREAKER SIZE/TYPE DESCRIPTION SIZE SIZE SIZE DESCRIPTION SIZE/TYPE NUMBER SIZE/TYPE	DRDINATE LUG SI. E ON 1 LINE DIA(DVIDE PANEL WITI
20/1 SPARE 12 12 12 DISPOSAL-107 20/1 43 * 44 20/1 RE 20/1 RECEPTACLE-145,146 12 12 12 12 RECEPTACLE-103,104,105 20/1 45 * 46 20/1 20/1 20/1 45 * 46 20/1 20/1 20/1 47 * 48 20/1 47 * 48 20/1 47 * 48 20/1 47 * 48 20/1 47 * 48 20/1 47 * 48 20/1 49 * 50 20/1 49 * 50 20/1 49 * 50 20/1 48 44 20/1 44 44 20/1 44 44 20/1 44 44 20/1 44 44 20/1 44 44 20/1 47 48 20/1 47 48 20/1 47 48 20/1 49 49 48 20/1 49 48 20/1 20/1 49 48 20/1 49 48 20/1 49 49 49 49 49 <t< td=""><td>BRANCH CIRC DESCRIPTION ECEPTACLE-103,</td></t<>	BRANCH CIRC DESCRIPTION ECEPTACLE-103,

LOCATION: ELEC ROOM-193

MAIN TYPE: MAIN CIRCUIT BREAKER

DESCRIPTION

MOUNTING: SURFACE

VOLTAGE: 208 / 120

PHASE: 3

BREAKER CIRCUIT BREAKER

SIZE/TYPE NUMBER SIZE/TYPE

PATIENT LIFT-126,131,136 20/1 45 |*| 46 20/1

UNIT HEATER - 205 | 20/1 | 57 |*| 58 | 20/1

- 61 *****|| 62 | 20/1

- 65 ||* 66 20*/*1

71 ||* 72

81 |*| 82

83 ||* 84

20/1 | 79 *|| 80

73 *|| 74 || 20/1

75 |*| 76 | 20/1

77 ||* 78 | 20/1

20/1 67 *|| 68 | 20/1 | LIGHTS,RECEPTACLE -ATTIC

20/1 | 69 |*| 70 | 20/1 | MOTORIZED - SCREEN - 104

GEN. HEATER - EXTERNAL | 20/2 | 59 ||* 60 | 20/1

GEN. HEATER – EXTERNAL | 20/2 | 63 |*| 64 | 20/1

20/1

20/1 20/1

20/1

FOR PANEL LOAD AND PANEL AMP SUMMARY INFORMATION, REFER TO LEFT TUB TOTALS

GEN. BATTERY CHARGER

TOWEL WARMER - 147

TV HEAD END - 192

SPARE

SPARE

SPARE

SPARE

SPACE

SPACE

WIRE: 4

MAIN SIZE: 225 AMPS

NOTES: COORDINATE LUG SIZE WITH WIRE SIZE ON 1 LINE DIAGRAM.

PATIENT LIFT-165,169,175

COMBINED DAMPERS

COMBINED DAMPERS EXHAUST FAN-ATTIC

COORDINATE LUG SIZE WITH WIRE

PROVIDE PANEL WITH FEED THRU

BRANCH CIRCUIT

DESCRIPTION

RECEPTACLE-104

RECEPTACLE-203,204 RECEPTACLE-197,198,208

DRYER-179

COFFEE MAKER - 138

DISPOSAL - 138

COFFEE MAKER - 107

COFFEE MAKER - 187

TRAP PRIMER - 205

SPARE

SPARE

SPARE

SPARE

SPACE

SPACE

SPACE

SIZE ON 1 LINE DIAGRAM.

LOCAT		ELEC ROOM-192			PHASE:			
MOUNT		SURFACE			WIRE:			
MAIN .		MAIN CIRCUIT BREAKER				100 AMPS COORDINATE LUG SIZE WITH V	WDE	
LEGEI	ND:				NOTES:	SIZE ON 1 LINE DIAGRAM.	VIKE	
						SIZE ON I LINE DIAGNAMI.		
						PROVIDE PANEL WITH FEED THE	HRU	
GND	WIRE	DDANOU ODOUUT	CIRCUIT BREAKER	CIRCUIT	CIRCUIT BREAKER	DD ANOLL OIDOUT	WIRE	GN
SIZE	SIZE	BRANCH CIRCUIT DESCRIPTION	SIZE/TYPE	NUMBER	SIZE/TYPE	BRANCH CIRCUIT DESCRIPTION	SIZE	SI
10	10	LIGHTING — EXTERNAL	20/2	1 * 2	20/2	LIGHTING EXTERNAL	10	1
_	10			3 * 4			10	
12	12	LIGHTING — EXTERNAL	20/1	5 * 6	20/1	FAN - 143	12	1
12	12	LTG-126,127,131,132,136,137	20/1	7 * 8	20/1	LTG-109,111,112,115,116,119,121	12	1
12	12	LTG-113,117,124,128,133,134	20/1	9 * 10	20/1	LTG-138,139,141,142	12	1
12	12	LTG-149,151,154,155,158,159	20/1	11 * 12	20/1	LTG-165,166,169,171,174-176	12	1
12	12	LTG-156,161,167,152,172	20/1	13 * 14	20/1	LTG-142,145	12	1
12	12	LTG-144,145,146,147,177,179,189	20/1	15 * 16	20/1	LTG-110,181	12	1
12	12	LTG-106,110,187	20/1	17 * 18	20/1	LTG-103-108,184,185,186,191	12	1
12	12	LTG,194,195,201,202,203,204	20/1	19 * 20	20/1	LTG-197,198,199	12	1
12	12	LTG-102	20/1	21 * 22	20/1	LTG-102	12	1
12	12	LTG-205	20/1	23 * 24	20/1	SPARE		
12	12	LTG-101	20/1	25 *∥ 26	20/1	SPARE		
		SPARE	20/1	27 * 28	20/1	SPARE		l
		SPARE	20/1	29 * 30	20/1	SPARE		
12	12	LIGHTING, RECEP. — EXT.	20/1	31 * 32	20/1	SPARE		
		SPARE	20/1	33 * 34	20/1	SPARE		
		SPARE	20/1	35 * 36	20/1	SPARE		
		SPARE	20/1	37 *∥ 38	20/1	SPARE		
		SPACE		39 * 40		SPACE		
		SPACE		41 * 42		SPACE		
	CONNI	ECTED LOAD SUMMARY:	LIGHTING:		KVA	PANEL AMP SUMMARY:	•	•
	• •	RECEPTACLE			KVA		PHASE	ΞΑ
		3 7,022	MOTOR:		KVA		PHASE	
			HEATING:		KVA		PHASE	
			TOTAL:		KVA			

PANEL LOCAT	ION:	86-P2 ELEC ROOM-192			PHASE:			
MOUN.		SURFACE			WIRE:	•		
		MAIN CIRCUIT BREAKER			MAIN SIZE:	TOO AMPS COORDINATE LUG SIZE WITH V	WDE.	
LEGE	ND:				NOTES:	SIZE ON 1 LINE DIAGRAM.	VIKE	
						PROVIDE PANEL WITH FEED TH LUGS.	HRU	
	i	r	CIRCUIT		CIRCUIT			
GND	WIRE	BRANCH CIRCUIT	BREAKER	CIRCUIT	BREAKER	BRANCH CIRCUIT	WIRE	GND
SIZE	SIZE	DESCRIPTION	SIZE/TYPE	NUMBER	SIZE/TYPE	DESCRIPTION	SIZE	SIZE
10	10	RECEPTACLE-126	20/1	1 * 2	20/1	RECEPTACLE-126	10	10
10	10	RECEPTACLE-131	20/1	3 * 4	20/1	RECEPTACLE-131	10	10
10	10	RECEPTACLE-136	20/1	5 * 6	20/1	RECEPTACLE-136	10	10
10	10	RECEPTACLE-119	20/1	7 *∥ 8	20/1	RECEPTACLE-119	10	10
10	10	RECEPTACLE-115	20/1	9 * 10	20/1	RECEPTACLE-115	10	10
12	12	RECEPTACLE-117	20/1	11 * 12	20/1	RECEPTACLE-111	12	12
		SPARE	20/1	13 *∥ 14	20/1	RECEPTACLE-158	10	10
12	12	RECEPTACLE-154	20/1	15 * 16	20/1	RECEPTACLE-154	12	12
12	12	RECEPTACLE-149	20/1	17 * 18	20/1	RECEPTACLE-149	12	12
		SPARE	20/1	19 * 20	20/1	RECEPTACLE-165	12	12
12	12	RECEPTACLE-169	20/1	21 * 22	20/1	RECEPTACLE-169	12	12
12	12	RECEPTACLE-174	20/1	23 * 24	20/1	RECEPTACLE-175	12	12
12	12	RECEPTACLE-111,134	20/1	25 * 26	20/1	RECEPTACLE-112,172	12	12
12	12	REC126,127,131,132,136,137	20/1	27 * 28	20/1	REC109,112,115,116,119,121	10	10
12	12	REC149,151,154,155,159	20/1	29 * 30	20/1	REC165,166,169,171,174,176	12	12
		SPARE	20/1	31 * 32	20/1	SPARE		
		SPARE	20/1	33 * 34	20/1	SPARE		
		SPARE	20/1	35 * 36	20/1	SPARE		
		SPARE	20/1	 37 *∥ 38	20/1	SPARE		
		SPACE	'	39 * 40	'	SPACE		
		SPACE		41 * 42		SPACE		
	CONN	ECTED LOAD SUMMARY:	LIGHTING:		KVA	PANEL AMP SUMMARY:		
	5511111	RECEPTACLE			KVA		PHASE	. Δ
		NEGET TAGEE	MOTOR:		KVA		PHASE	
			HEATING:		KVA		PHASE	_
			TOTAL:		KVA	04.5	JL	. •

KORDA/NEMETH ENGINEERING, INC. 1650 WATERMARK DRIVE COLUMBUS, OHIO 43215



GENERAL NOTES

MAIN TYPE SHALL BE NON - FUSED MAIN DISCONNECT.

CODED NOTES

1. FUSIBLE PANEL BOARD.

B HI	-E 2009-0204
	NORTH

Reviewed KORDA/NEMETH

ENGINEERING, INC.

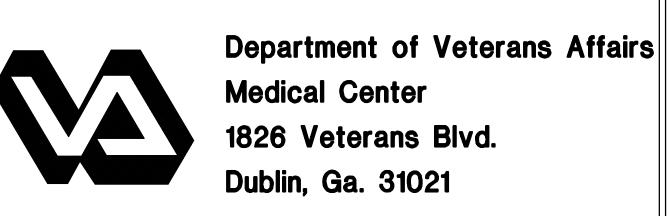
	Consultant
-	KORDA
-	
_	KORDA/NEMETH ENGINEERING
	1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com
	Korda Project No. 2009-0204

	REVISION NO.	REVISION DESCRIPTION REVISED/ADDED FOR REBIDDING		06/29/2012	
Re	visions		Ву	Date	

VA FORM 08-6231, JUN 1992 1

one eighth inch = one foot

0 4 8 16





Recommende	Drawing_Title	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	PANEL SCHEDULES
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5. SERVICE LINE MGRS.	10. COTR	2009-05-01

			,	.,,,		
NEL HEDULES	Project VA	HOSP	ICE	CAF	RE	UNIT

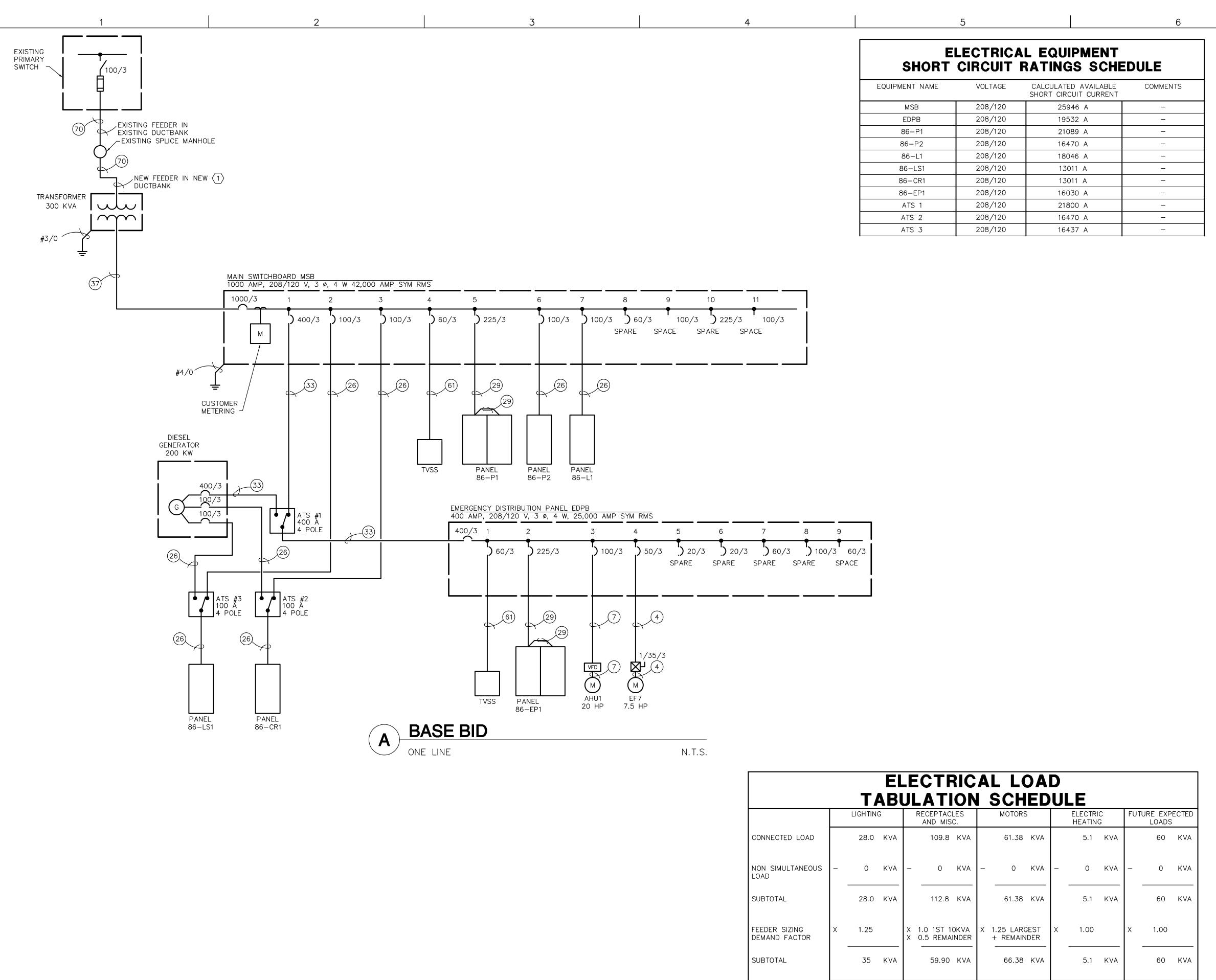
Checked KORDA/NEMETH

ENGINEERING, INC.

A HOS	PICE	CA	RE	Ul	ΓI
OWN RDA/NEMETH	Building 1	Number	AutoCAD	File	Name

١.	RE UNIT	Project Number 557-CSI-375	
-	AutoCAD File Name	DRAWING No.	
		E502	
	Const. Contract		
1		Dwg. ? Of	

09/20/2012



ED OUT ET	\bigcirc	ONE	LINE L	<u> </u>	M-Ft	ELDER	SCH	EDULE
ERCURRENT ROTECTION AMPACITY	NOTE NUMBER	NUMBER OF SETS	PHASE WIRES QUANTITY — SIZE	NEUTRAL WIRE QUANTITY — SIZE	GROUND SIZE	ISOLATED GROUND SIZE	CONDUIT SIZE PER SET	COMMENTS/REMARKS
20	1	1	3–12 AWG	_	12 AWG	-	3/4"	†
30	2	1	3-10 AWG	_	10 AWG	_	3/4"	
40	3	1	3-8 AWG	_	10 AWG	_	3/4"	
50	4	1	3-6 AWG	_	10 AWG	_	3/4"	
70	5	1	3-4 AWG	_	8 AWG	_	1"	
90	6	1	3-2 AWG	_	8 AWG	_	1 1/4"	
110	7	1	3-1 AWG	_	6 AWG	_	1 1/4"	
150	8	1	3-1/0 AWG	_	6 AWG	_	1 1/2"	
175	9	1	3-2/0 AWG	_	6 AWG	_	1 1/2"	3 PHASE EQUIPMENT
200	10	1	3-3/0 AWG	_	6 AWG	_	2"	AND MOTOR
225	11	1	3-4/0 AWG	_	4 AWG	_	2"	FEEDERS
250	12	1	3-250 KCMIL	_	4 AWG	_	2"	
300	14	1	3-250 KCMIL	_	4 AWG	_	2 1/2"	
350	16	1	3-500 KCMIL	_	3 AWG	_	3"	
400	17	'	3-600 KCMIL	_	3 AWG		3"	
				_		_	2"	
500	18	2	3-250 KCMIL	_	2 AWG	_		
700	19	2	3-350 KCMIL	_	1 AWG	_	2 1/2" 3"	
700	20	2	3-500 KCMIL	_	1/0 AWG	_		
800	21	2	3-600 KCMIL	_	1/0 AWG	_	3" ~"	
1000	22	3	3-400 KCMIL	_	2/0 AWG		3" 3"	
1200	23	3	3-600 KCMIL	_	3/0 AWG	_	3"	
1600	24	4	3-600 KCMIL	_	4/0 AWG	_	3-1/2"	
OPEN	25	_	_	_	_	_	-	X
100	26	1	3-1 AWG	1-1 AWG	8 AWG	_	1 1/2"	
150	27	1	3-1/0 AWG	1-1/0 AWG	6 AWG	_	2"	
200	28	1	3-3/0 AWG	1-3/0 AWG	6 AWG	_	2"	
225	29	1	3-4/0 AWG	1-4/0 AWG	4 AWG	_	2 1/2"	
250	30	1	3-250 KCMIL	1-250 KCMIL	4 AWG	_	2 1/2"	
300	31	1	3-350 KCMIL	1-350 KCMIL	4 AWG	_	3"	
350	32	1	3-500 KCMIL	1-500 KCMIL	3 AWG	_	3 1/2"	POWER PANELS, DISTRIBUTION
400	33	1	3-600 KCMIL	1-600 KCMIL	3 AWG	_	3 1/2"	PANELBOARDS, AND SWITCHBOARDS
500	34	2	3-250 KCMIL	1-250 KCMIL	2 AWG	_	2 1/2"	
600	35	2	3-350 KCMIL	1-350 KCMIL	1 AWG	_	3"	
800	36	2	3-600 KCMIL	1-600 KCMIL	1/0 AWG	_	4"	
1000	37	3	3-400 KCMIL	1-400 KCMIL	2/0 AWG	_	3"	
1200	38	3	3-600 KCMIL	1-600 KCMIL	3/0 AWG	_	4"	
1600	39	4	3-600 KCMIL	1-600 KCMIL	4/0 AWG	_	4"	
2000	40	5	3-600 KCMIL	1-600 KCMIL	250 KCMIL	_	4"	
2500	41	6	3-600 KCMIL	1-600 KCMIL	350 KCMIL	_	4"	
3000	42	8	3-500 KCMIL	1-500 KCMIL	400 KCMIL	_	4"	
4000	43	10	3-600 KCMIL	1-600 KCMIL	500 KCMIL	_	4"	
100	44	1	3-1/0 AWG	1-1/0 AWG	8 AWG	_	1 1/2"	<u> </u>
200	45	1	3-250 KCMIL	1-250 KCMIL	6 AWG	_	2 1/2"	
225	46	1	3-300 KCMIL	1-300 KCMIL	4 AWG	_	3"	 LIGHTING
400	47	2	3-250 KCMIL	1-250 KCMIL	3 AWG	_	3"	PANELS
600	48	2	3-500 KCMIL	1-500 KCMIL	1 AWG	_	3 1/2"	
800	49	3	3-500 KCMIL	1-500 KCMIL	1/0 AWG	_	3 1/2"	
100	50	1	3-1/0 AWG	2-1/0 AWG	8 AWG	_	2"	
200	51	1	3-250 KCMIL	2-250 KCMIL	6 AWG	_	3"	
225	52	1	3-300 KCMIL	2-300 KCMIL	4 AWG	_	3"	POWER PANELS,
400	53	2	3-250 KCMIL	2-250 KCMIL	3 AWG	_	3 "	DISTRIBUTION PANELBOARDS WITH
600	54	2	3-500 KCMIL	2-500 KCMIL	1 AWG	_	3 1/2"	200% NEUTRAL
800	55	3	3-500 KCMIL	2-500 KCMIL	1/0 AWG	_	4"	
1000	56	3	3-600 KCMIL	2-600 KCMIL	2/0 AWG	_	4"	
1200	57	4	3-500 KCMIL	2-500 KCMIL	3/0 AWG	_	4"	
		<u> </u>			<u> </u>			†
TVSS	61	1	3-2 AWG	1-2 AWG	2 AWG	_	1-1/2"	MINIMIZE LENGTH
-	60	5	3-600 KCMIL	1-600 KCMIL	•	_	4"	I

GENERAL NOTES

GENERAL NOTES

- 1. PROVIDE CONDUIT AND CABLING TO TERMINATION POINT IN ALL EQUIPMENT
- 2. REFER TO EQUIPMENT SUBMITTAL DRAWINGS FOR EXACT WIRING REQUIREMENTS BEFORE INSTALLING CABLE.
- 3. PROVIDE APPROPRIATELY SIZED LUGS ON CIRCUIT BREAKERS AND SWITCHES FOR CABLE SIZES SHOWN.

CODED NOTES

1. NEW PRIMARY CONDUCTORS FROM THE SPLICE MANHOLE TO THE BUILDING TRANSFORMER. SPLICE THE NEW AND EXISTING PRIMARY CONDUCTORS IN THE SPLICE MANHOLE.



KORDA/NEMETH ENGINEERING, INC. 1650 WATERMARK DRIVE COLUMBUS, OHIO 43215 E. KUNDLA JOB FILE 2009-0204

249 Mayne Avenue, Dayton, Ohio 45402 Telephone:(937) 224-7700 Fax:(937) 224-7125 Matrix Project No. 09104



ENGINEERING, INC.



1 [REVISION NO.	REVISION DESCRIPTION		
	1	REVISED/ADDED FOR REBIDDING		06/29/2012
	·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		00/20/2012
Re	visions	1	Ву	Date

VA FORM 08-6231, JUN 1992 1

Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. **Dublin, Ga. 31021**



TOTAL LOAD FOR SERVICE SIZING

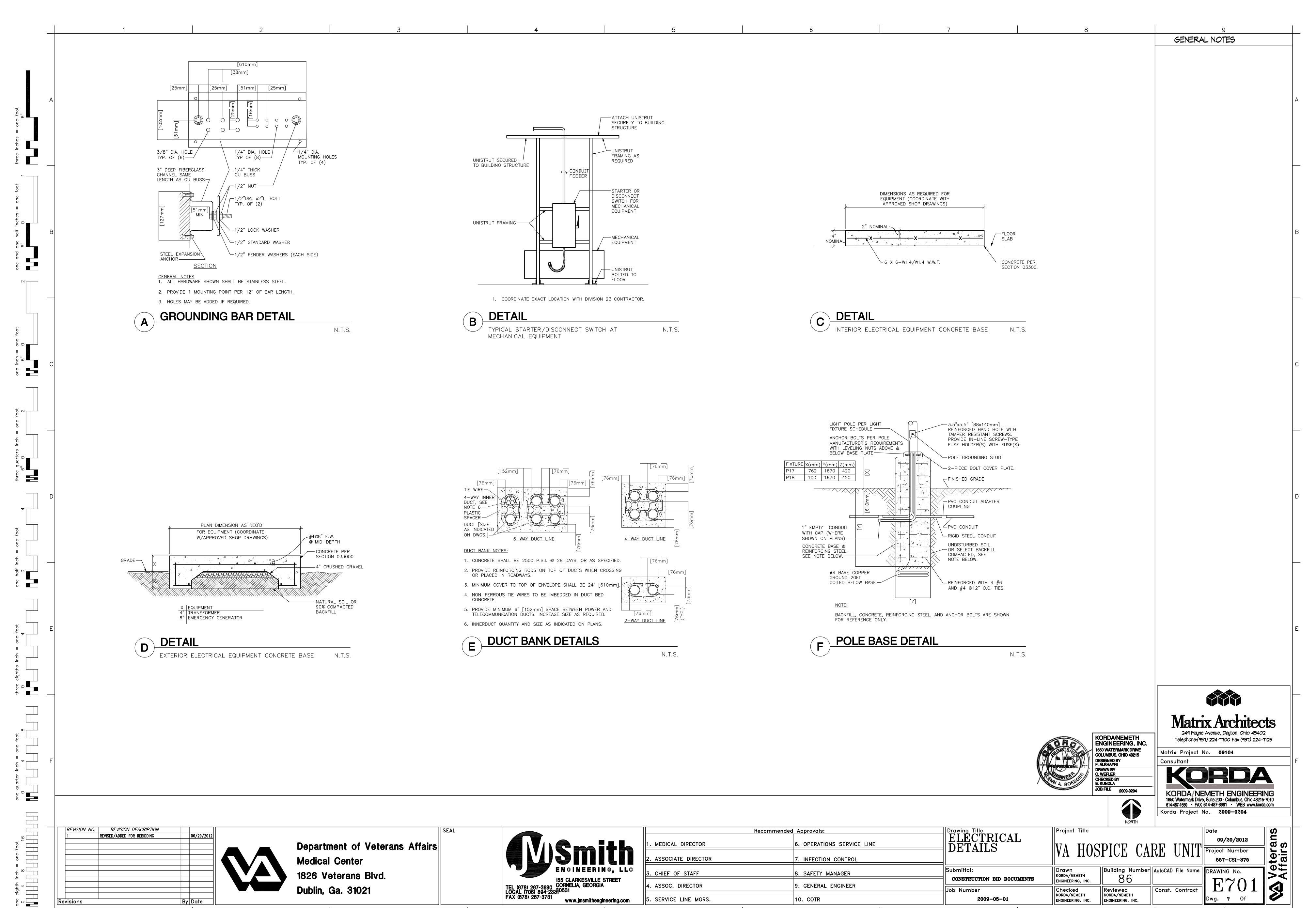
226.38 KVA @ 208 VOLTS = 629 AMPS

	Recommended Approvals:				
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	ELÉCTRICAL ONE LINE			
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	DIAGRAM			
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal: CONSTRUCTION BID DOCUMENTS			
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number			
5. SERVICE LINE MGRS.	10. COTR	2009-05-01			

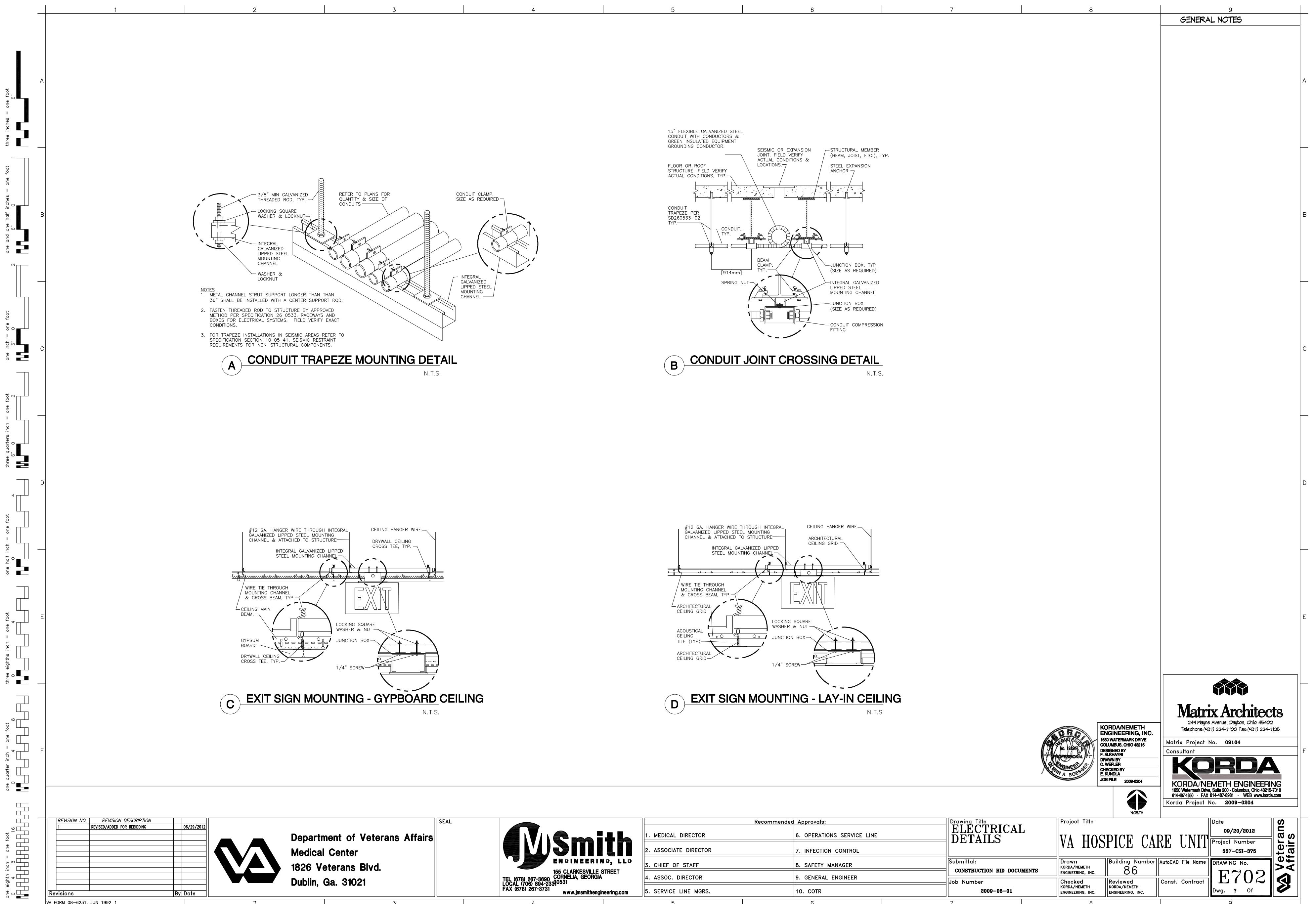
ECTRICAL	Project	t Title		
ECTRICAL IE LINE AGRAM	VA	HOSPICE	CARE	UN
	T-			

ENGINEERING, INC.

Building Number AutoCAD File Name Drawn KORDA/NEMETH ENGINEERING, INC. Const. Contract Checked KORDA/NEMETH Reviewed KORDA/NEMETH



VA FORM 08-6231, JUN 1992 1



5. SERVICE LINE MGRS.

10. COTR

Reviewed

KORDA/NEMETH

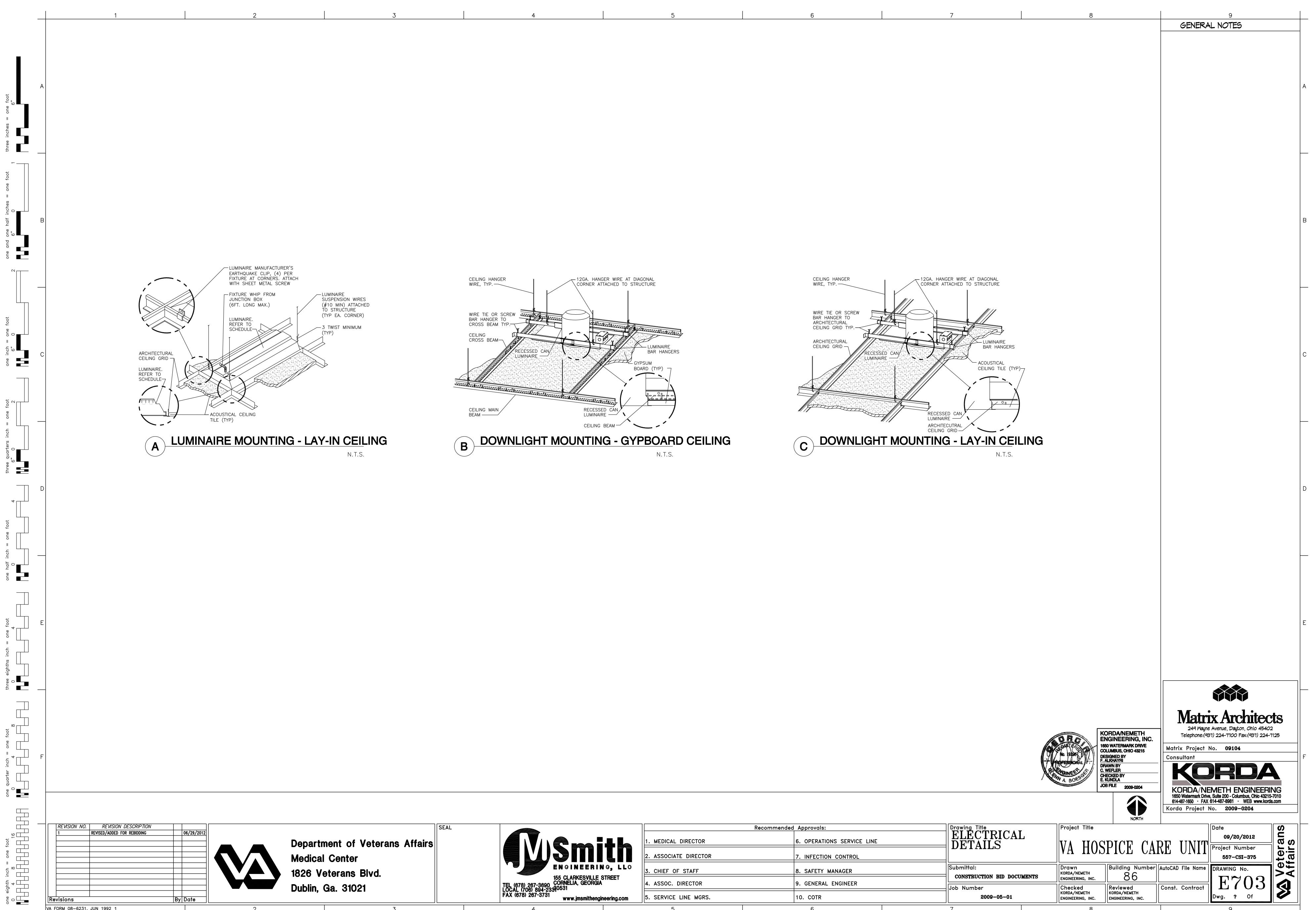
ENGINEERING, INC.

Job Number

2009-05-01

VA FORM 08-6231, JUN 1992 1

By Date





Recommended Approvals:

Drawing Title ELECTRICAL DETAILS

Project Title

ENGINEERING, INC.

DRAWING No.

REVISION NO. REVISION DESCRIPTION 06/29/2012 REVISED/ADDED FOR REBIDDING By Date

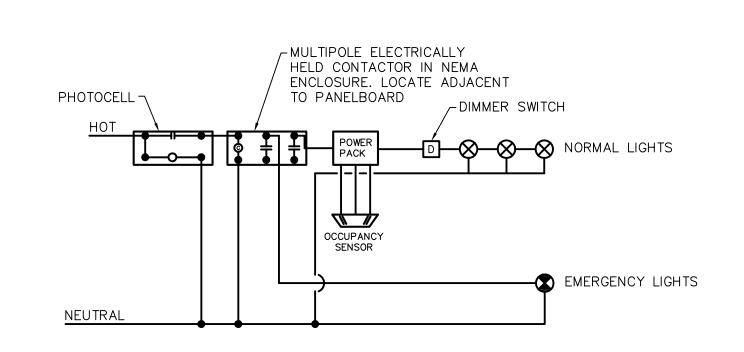
VA FORM 08-6231, JUN 1992 1

Department of Veterans Affairs **Medical Center** 1826 Veterans Blvd. **Dublin, Ga. 31021**

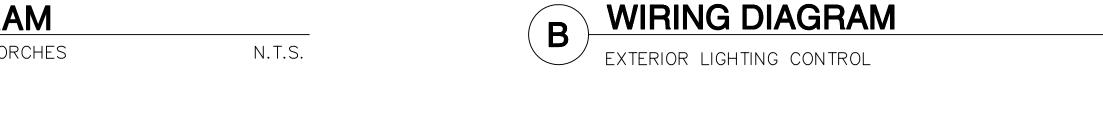


1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	ELECTRICAL DETAILS
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal:
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
5. SERVICE LINE MGRS.	10. COTR	2009-05-01

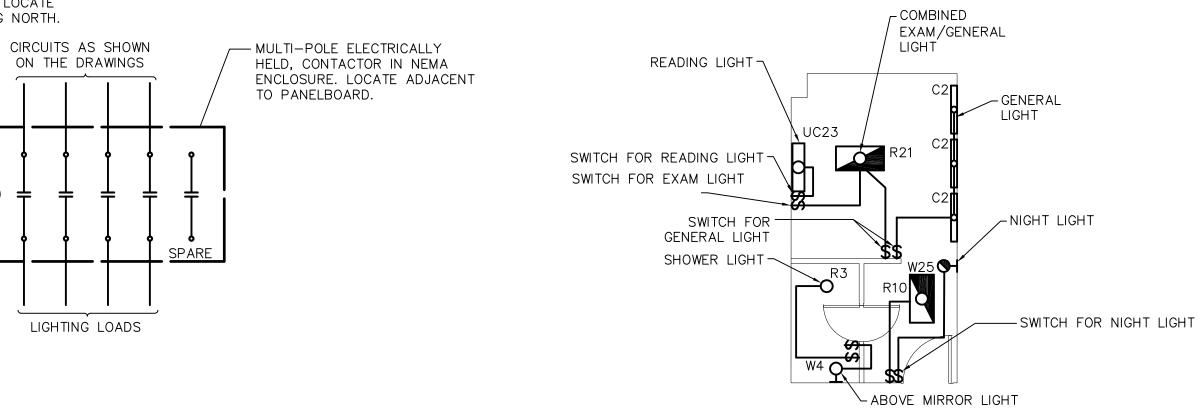
Building Number AutoCAD File Name Drawn KORDA/NEMETH ENGINEERING, INC. Checked KORDA/NEMETH ENGINEERING, INC. Const. Contract Reviewed KORDA/NEMETH



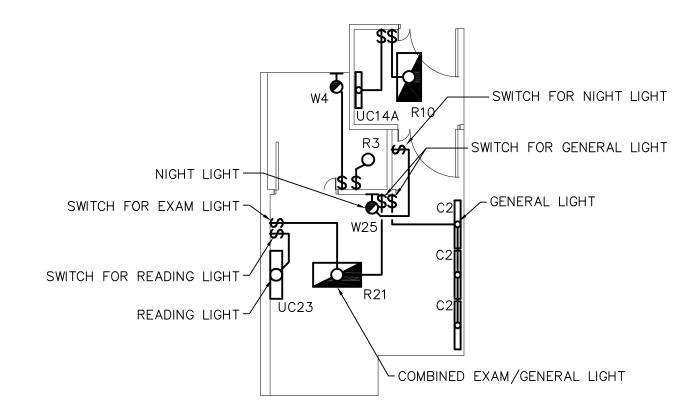




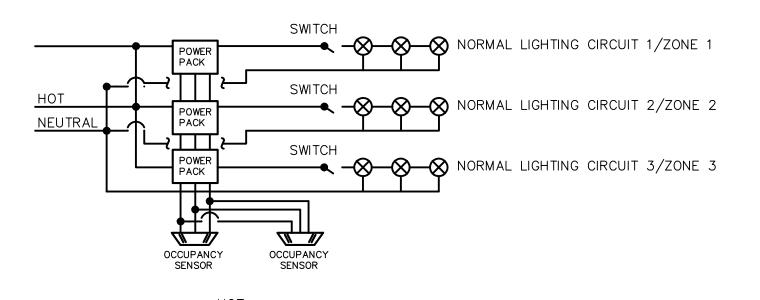
N 120 VOLT (







BLOCK DIAGRAM 1/8" = 1'-0"



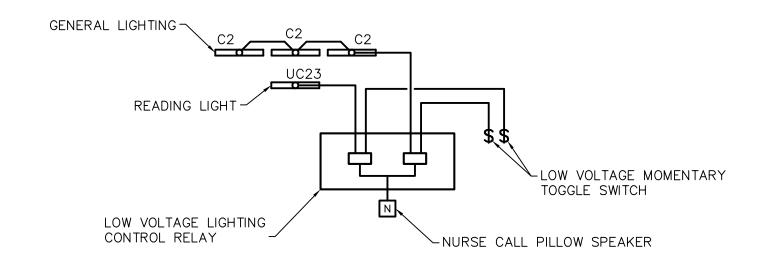
NIGHT LIGHTS/EMERGENCY LIGHTS REMAINS UNSWITCHED

E BLOCK DIAGRAM

LIGHTING CONTROL-CORRIDORS/LOUNGES

GENERAL NOTES:

1- NUMBER OF ZONES AND OCCUPANCY SENSORS IN CORRIDORS AND LOUNGES VARY. REFER TO LIGHTING PLAN SHEET E201 FOR DETAILS.

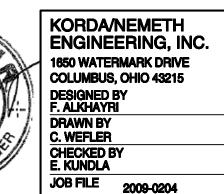


PHOTOCONTROL. LOCATE
ON ROOF FACING NORTH.





Project Title



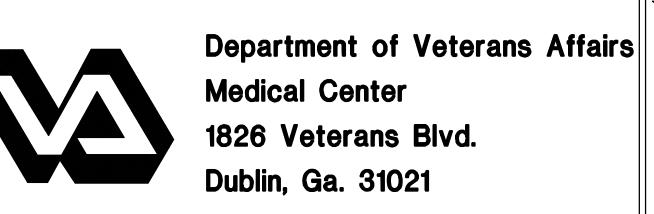


Matrix Project No. 09104

J .	2009-0204
	NORTH

KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com Korda Project No. 2009-0204

L DELMOLON NO	DEMICION DECODIDATION		
REVISION NO.			
1	REVISED/ADDED FOR REBIDDING		06/29/2012
Revisions		By	Date
VA FORM 08−6231	, JUN 1992 1		





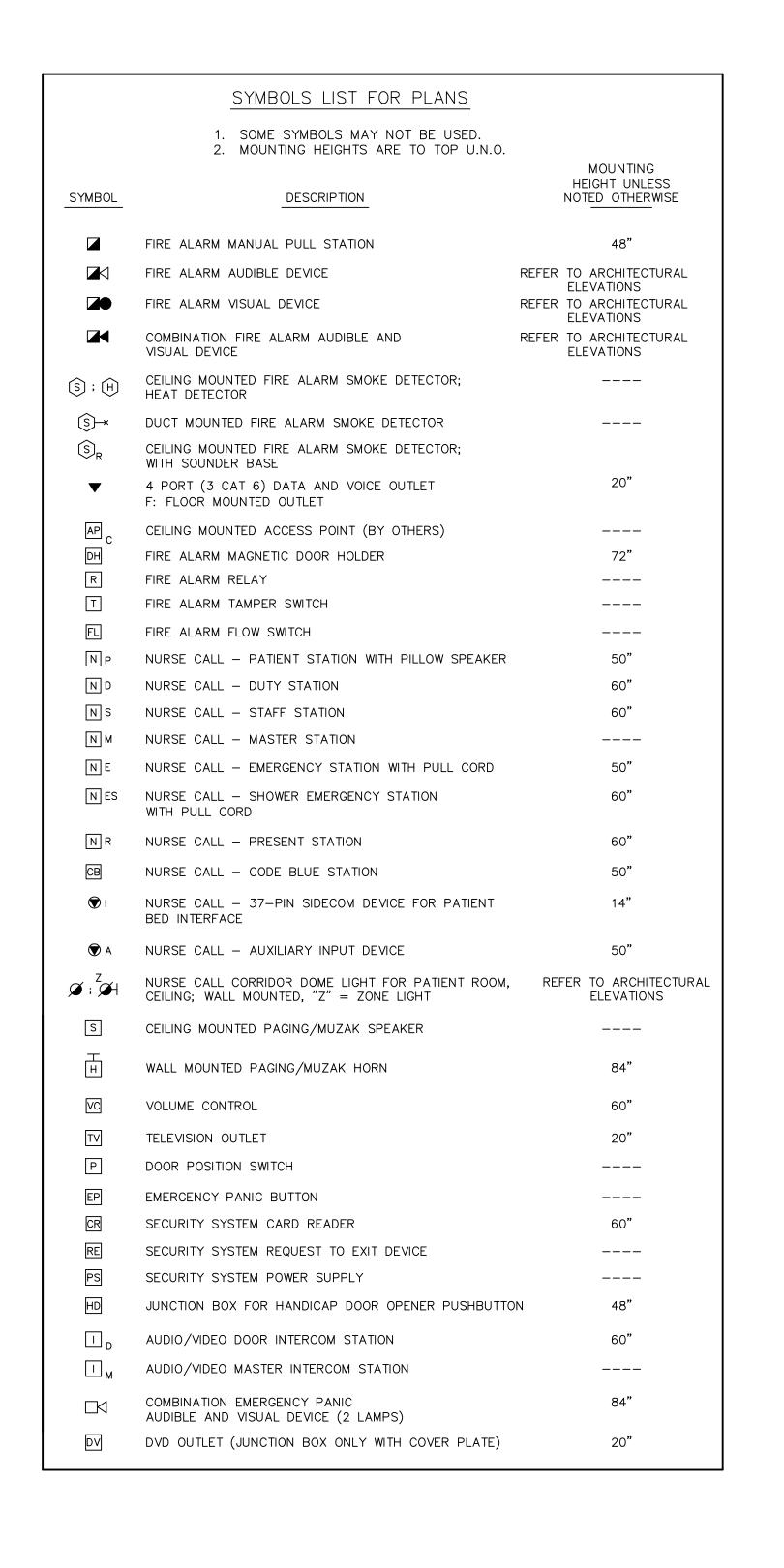
	Drawing	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	ELE DET
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Num
5 SERVICE LINE MCRS	10 COTP	

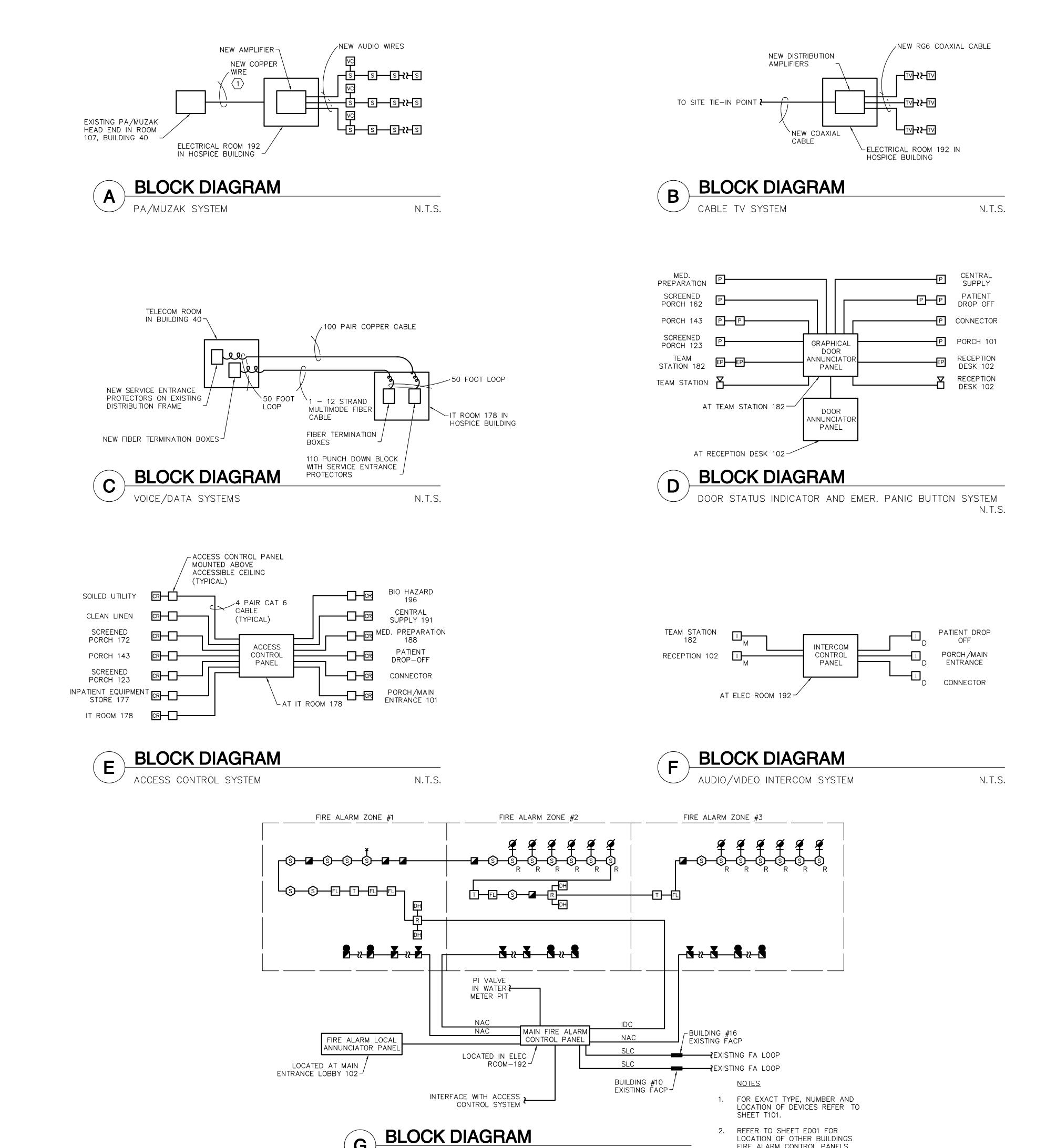
VA	HOS	PICE	CA	RE	Ul	VIT
Drawn KORDA/NE		Building 8	Number 6	AutoCAD	File	Name

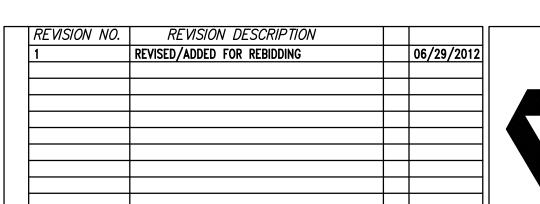
A .	RE	Uľ	VIT	Project Number 557-CSI-375
er	AutoCAD	File	Name	DRAWING No.
	Const.	Con	tract	L / U4

09/20/2012

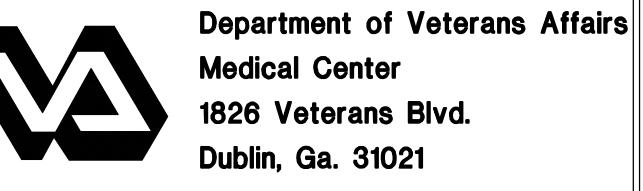
ECTRICAL TAILS TRUCTION BID DOCUMENTS Reviewed Checked | KORDA/NEMETH KORDA/NEMETH 2009-05-01 ENGINEERING, INC. | 5. SERVICE LINE MGRS. ENGINEERING, INC. |10. COTR







VA FORM 08-6231, JUN 1992 1





FIRE ALARM SYSTEM

Recommended	Drawing Title	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	TEČHNOLOGY SYMBOLS AND
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	LEGEND
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submittal: CONSTRUCTION BID DOCUMENTS
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job Number
4 l		

3. NAC IS NOTIFICATION APPLIANCE

CIRCUIT; IDC IS INITIATING DEVICE CIRCUIT; SLC IS SIGNALING LINE

Title HNOLOGY IBOLS AN

Project Title Drawn

KORDA/NEMETH ENGINEERING, INC.

1650 WATERMARK DRIVE

COLUMBUS, OHIO 43215

JOB FILE 2009-0204

||Building Number||AutoCAD File Name KORDA/NEMETH ENGINEERING, INC.

DRAWING No. Const. Contract

249 Mayne Avenue, Dayton, Ohio 45402

Telephone:(937) 224-7100 Fax:(937) 224-7125

KORDA/NEMETH ENGINEERING 1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010 614-487-1650 - FAX 614-487-8981 - WEB www.korda.com

Korda Project No. 2009-0204

Matrix Project No. 09104

Consultant

GENERAL NOTES

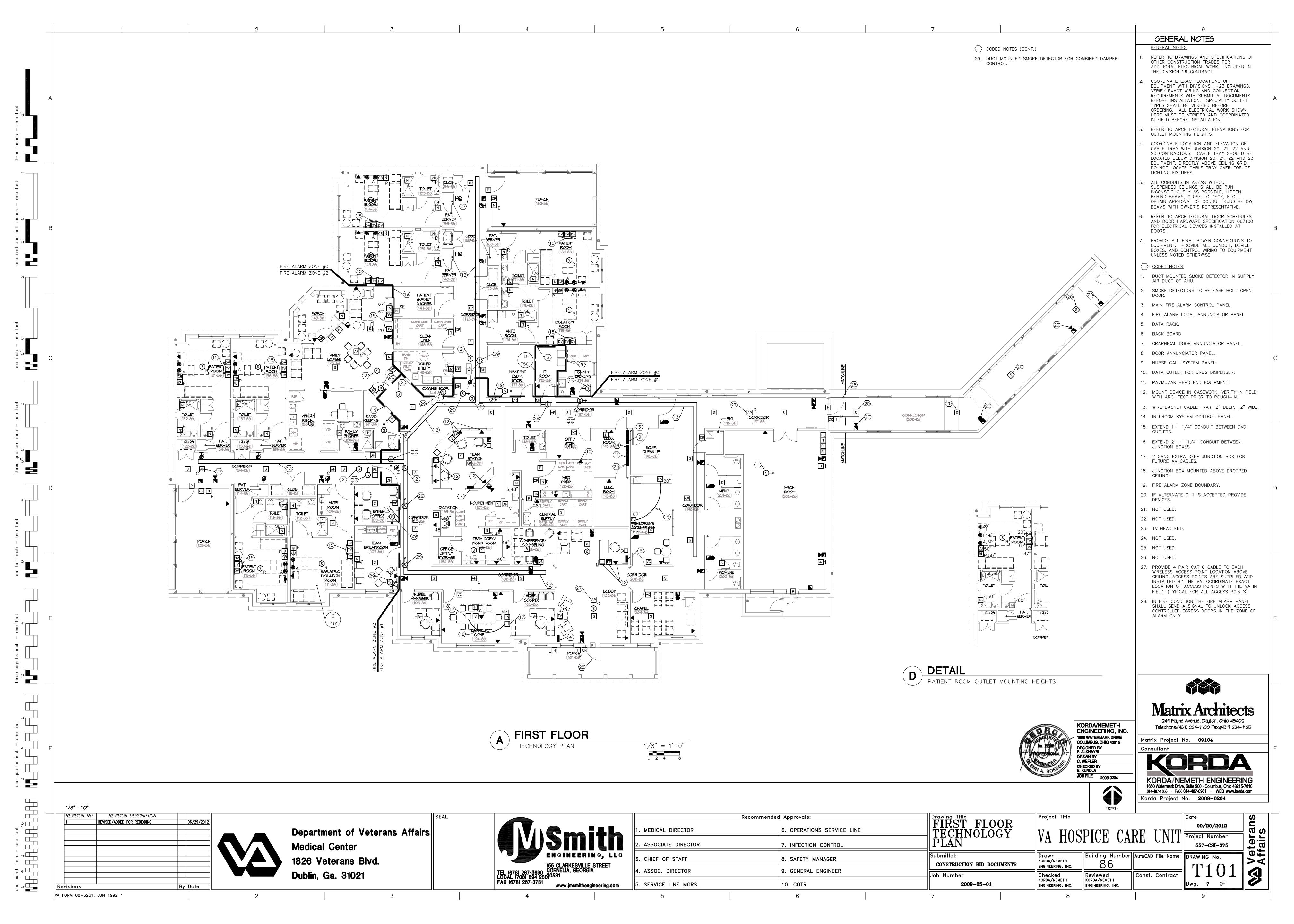
FOR PA/MUZAK INTERFACE.

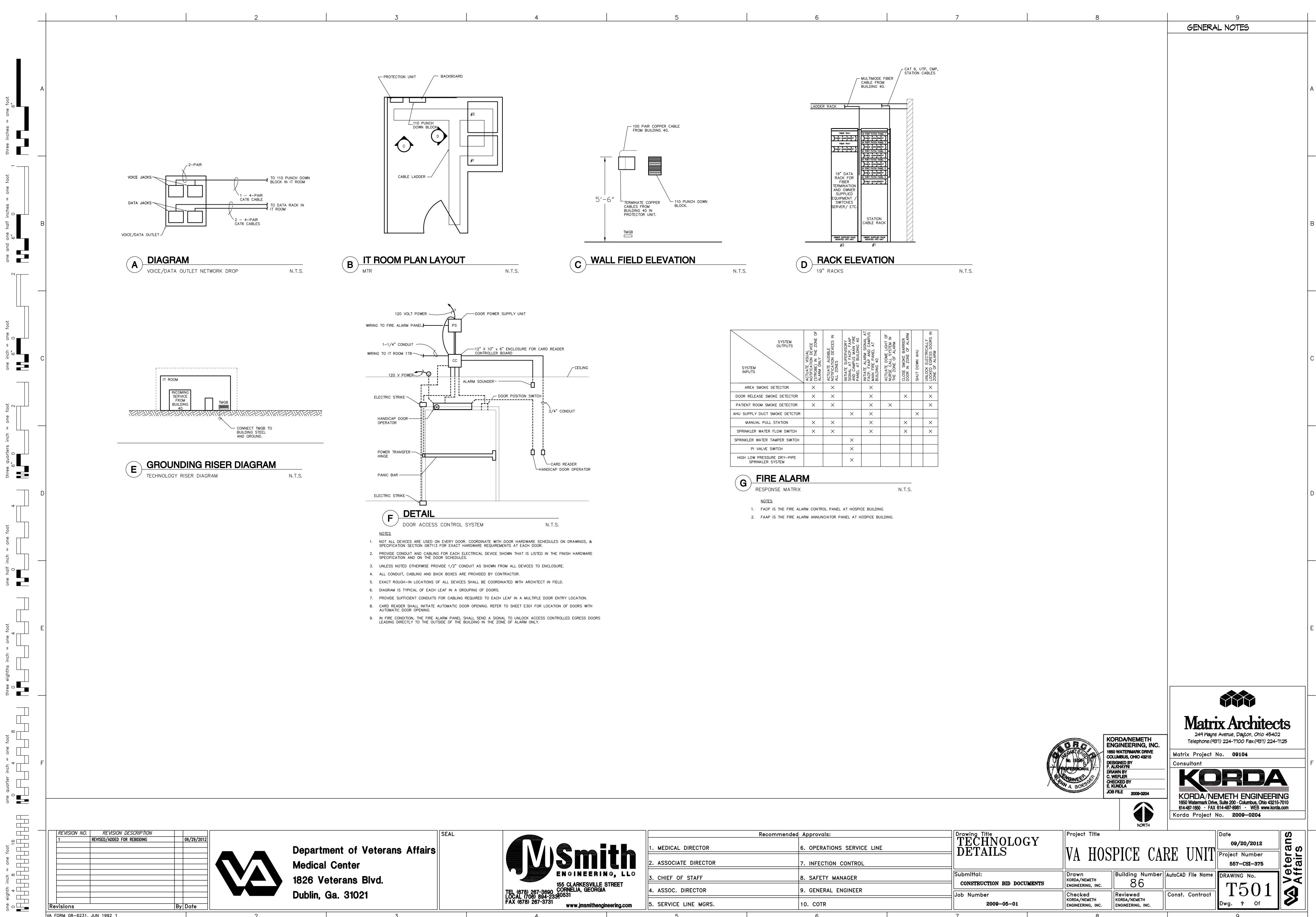
1. UTILIZE 1 PAIR OF THE 100 PAIR COPPER CABLE

USED FOR VOICE SYSTEM (SHOWN IN DETAIL C)

CODED NOTES

Checked Reviewed KORDA/NEMETH KORDA/NEMETH 10. COTR 2009-05-01 5. SERVICE LINE MGRS. By Date ENGINEERING, INC. ENGINEERING, INC.





By Date VA FORM 08-6231, JUN 1992 1

Medical Center 1826 Veterans Blvd. **Dublin, Ga. 31021**



	Recommended Approvals:	Drawin
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE	$egin{array}{c} { m TE} \\ { m DE} \end{array}$
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL	
3. CHIEF OF STAFF	8. SAFETY MANAGER	Submi
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER	Job N
5. SERVICE LINE MGRS.	10. COTR	

Drawn KORDA/NEMETH NSTRUCTION BID DOCUMENTS ENGINEERING, INC.

KORDA/NEMETH

ENGINEERING, INC.

Checked KORDA/NEMETH

ENGINEERING, INC.

2009-05-01

Building Number AutoCAD File Name Const. Contract Reviewed

DRAWING No.